

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040178.D
 Acq On : 09 Feb 2024 16:56
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 05:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 02/12/2024

Supervised By :Mahesh
 Dadoda
 02/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	83481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	21290	17.142	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	34.280%#		
35) Dibromofluoromethane	5.391	113	17042	17.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.760%#		
50) Toluene-d8	8.647	98	64778	17.658	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	35.320%#		
62) 4-Bromofluorobenzene	11.079	95	25940	17.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.680%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	18063	19.155	ug/l	97
3) Chloromethane	1.294	50	19717	20.276	ug/l	98
4) Vinyl Chloride	1.374	62	21665	21.083	ug/l	98
5) Bromomethane	1.599	94	11903	20.526	ug/l	100
6) Chloroethane	1.679	64	13233	20.418	ug/l	99
7) Trichlorofluoromethane	1.880	101	33750	20.451	ug/l	98
8) Diethyl Ether	2.136	74	12533	20.217	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18244	20.610	ug/l	98
10) Methyl Iodide	2.453	142	19698	20.043	ug/l	92
11) Tert butyl alcohol	2.965	59	24178	99.945	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	17810	20.896	ug/l	90
13) Acrolein	2.239	56	19635	91.702	ug/l	94
14) Allyl chloride	2.660	41	29840	20.175	ug/l	97
15) Acrylonitrile	3.062	53	56762	104.867	ug/l	98
16) Acetone	2.380	43	52851	103.613	ug/l	94
17) Carbon Disulfide	2.508	76	44846	19.930	ug/l	100
18) Methyl Acetate	2.703	43	29042	21.239	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	62596	20.847	ug/l	100
20) Methylene Chloride	2.788	84	19727	19.662	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	19449	20.036	ug/l	99
22) Diisopropyl ether	3.764	45	62439	20.815	ug/l	93
23) Vinyl Acetate	3.721	43	278463	104.133	ug/l	98
24) 1,1-Dichloroethane	3.605	63	35248	20.172	ug/l	99
25) 2-Butanone	4.562	43	81748	102.528	ug/l	97
26) 2,2-Dichloropropane	4.471	77	26613	19.785	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	22780	20.572	ug/l	93
28) Bromochloromethane	4.897	49	14725	19.849	ug/l	92
29) Tetrahydrofuran	5.007	42	53846	103.659	ug/l	96
30) Chloroform	5.093	83	38399	20.326	ug/l	98
31) Cyclohexane	5.471	56	30800	20.792	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	31407	19.761	ug/l	98
36) 1,1-Dichloropropene	5.690	75	27224	19.817	ug/l	96
37) Ethyl Acetate	4.721	43	30660	20.058	ug/l	98
38) Carbon Tetrachloride	5.678	117	25522	19.540	ug/l	99
39) Methylcyclohexane	7.379	83	32305	20.235	ug/l	96
40) Benzene	6.037	78	78219	20.361	ug/l	99

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Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16647	20.833	ug/l	94
42) 1,2-Dichloroethane	6.086	62	30601	20.379	ug/l	98
43) Isopropyl Acetate	6.342	43	47974	20.105	ug/l	97
44) Trichloroethene	7.129	130	21841	20.611	ug/l	97
45) 1,2-Dichloropropane	7.434	63	21559	21.561	ug/l	92
46) Dibromomethane	7.580	93	15024	20.401	ug/l	93
47) Bromodichloromethane	7.824	83	28594	20.151	ug/l	100
48) Methyl methacrylate	7.696	41	25727	21.071	ug/l	94
49) 1,4-Dioxane	7.659	88	10969	412.966	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	168325	103.322	ug/l	99
52) Toluene	8.720	92	50398	20.028	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	28833	18.205	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	32064	20.163	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21391	19.931	ug/l #	90
56) Ethyl methacrylate	9.116	69	31704	19.732	ug/l	98
57) 1,3-Dichloropropane	9.311	76	35481	20.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	75858	99.805	ug/l	99
59) 2-Hexanone	9.427	43	134783	104.349	ug/l	98
60) Dibromochloromethane	9.519	129	21695	19.841	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23178	20.317	ug/l	99
64) Tetrachloroethene	9.275	164	18966	20.316	ug/l	97
65) Chlorobenzene	10.079	112	56868	20.454	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	19987	20.756	ug/l	99
67) Ethyl Benzene	10.195	91	102980	20.797	ug/l	98
68) m/p-Xylenes	10.299	106	78305	41.871	ug/l	99
69) o-Xylene	10.640	106	37997	20.908	ug/l	99
70) Styrene	10.659	104	64021	21.189	ug/l	98
71) Bromoform	10.799	173	15334	18.244	ug/l #	95
73) Isopropylbenzene	10.963	105	101353	21.246	ug/l	99
74) N-amyl acetate	10.842	43	44120	21.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	36367	21.219	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30647m	22.345	ug/l	
77) Bromobenzene	11.195	156	23952	21.259	ug/l	95
78) n-propylbenzene	11.305	91	122367	21.188	ug/l	99
79) 2-Chlorotoluene	11.366	91	73259	21.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86415	21.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8686	20.071	ug/l	99
82) 4-Chlorotoluene	11.457	91	86035	20.821	ug/l	99
83) tert-Butylbenzene	11.713	119	82142	20.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86539	21.299	ug/l	99
85) sec-Butylbenzene	11.890	105	106770	21.100	ug/l	99
86) p-Isopropyltoluene	12.006	119	87995	21.214	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47325	21.199	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	48897	20.683	ug/l	99
89) n-Butylbenzene	12.335	91	83947	20.966	ug/l	97
90) Hexachloroethane	12.536	117	13262	20.270	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	45756	21.172	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8216	20.771	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	30239	20.438	ug/l	97
94) Hexachlorobutadiene	13.725	225	11385	19.280	ug/l	97
95) Naphthalene	13.774	128	97763	20.921	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29699	21.059	ug/l	98

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MSVOA_X
ClientSampleId :

Manual Integrations
APPROVED

Reviewed By :John
Carlone
02/12/2024

Supervised By :Mahesh
Dadoda
02/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Supervised By :Maresh Dadoda
02/12/2024

TIC: VX040178.D\data.ms 02/12/2024

Abundance

Time-->

520000

500000

480000

460000

440000

420000

400000

380000

360000

340000

320000

300000

280000

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000

0

0.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloroethane, T

Benzene, T

Chloromethane, T

Trichlorofluoromethane, T

Acetone, T

Methyl isothiocyanate, T

Methyl isocyanide, T

Methyl isocyanide, T

Tert butyl alcohol, T

Methyl isocyanide, T

Vinyl Acetate, T

1,1-Dichloroethane, P

Diisopropyl ether, T

2,3-Dichlorobutane, T

Ethyl Acetate, T

Bromochloromethane, T

Chloroform, C

Cyclohexane, S

Pentachloropropene, I

1,2-Dichloroethane, TM

1,2-Dichloroethane, T

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichloroethane, T

1,4-Dioxane, T

Methyl methacrylate, T

Bromochloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

Toluene, CM

1,3-Dichloropropene, T

Ethyl isobutyrate, T

1,3-Dichloropropene, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,1,1,2-Tetrachloroethane, T

Ethyl Benzene, C

Styrene, T

N-ethyl acetate, T

Isopropylbenzene, T

1,2,3-Trichlorobenzene, P

2-Chlorotoluene, T

1,3-Propylene, T

1,2,4-Trimethylbenzene, T

1,3,5-Trimethylbenzene, T

1,4-Dichlorobenzene, T

1,2,4-Trichlorobenzene, T

1,2,4-Trichlorobenzene, T

1,2,3-Trichlorobenzene, T

1,2-Dibromo-3-Chloropropane, T

Hexachloroethane, T

1,2,4-Trichlorobenzene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T