

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043481.D
 Acq On : 23 Oct 2024 09:22
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 24 04:27:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	26960	20.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.160%#		
35) Dibromofluoromethane	5.397	113	20220	19.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.960%#		
50) Toluene-d8	8.647	98	72361	20.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.740%#		
62) 4-Bromofluorobenzene	11.079	95	26929	19.849	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.700%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	17373	19.640	ug/l	91
3) Chloromethane	1.294	50	21524	18.496	ug/l	98
4) Vinyl Chloride	1.380	62	19331	18.740	ug/l	97
5) Bromomethane	1.599	94	8377	18.494	ug/l	97
6) Chloroethane	1.672	64	7434	18.903	ug/l	89
7) Trichlorofluoromethane	1.867	101	27647	19.228	ug/l	97
8) Diethyl Ether	2.142	74	11007	18.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	16406	19.176	ug/l	97
10) Methyl Iodide	2.447	142	21393	19.296	ug/l	95
11) Tert butyl alcohol	3.014	59	18693m	97.724	ug/l	
12) 1,1-Dichloroethene	2.312	96	16608	19.470	ug/l	95
13) Acrolein	2.245	56	16848	86.514	ug/l	94
14) Allyl chloride	2.660	41	29739	18.019	ug/l	99
15) Acrylonitrile	3.075	53	44572	96.345	ug/l	98
16) Acetone	2.398	43	48750	97.482	ug/l	98
17) Carbon Disulfide	2.501	76	32078	17.580	ug/l	96
18) Methyl Acetate	2.715	43	25521	18.415	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	59759	18.989	ug/l	95
20) Methylene Chloride	2.788	84	20575	18.463	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	18667	18.853	ug/l	96
22) Diisopropyl ether	3.769	45	64001	19.150	ug/l	92
23) Vinyl Acetate	3.727	43	227420	96.543	ug/l	99
24) 1,1-Dichloroethane	3.605	63	37418	19.149	ug/l	98
25) 2-Butanone	4.580	43	66018	106.439	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30900	18.940	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	23599	18.921	ug/l	98
28) Bromochloromethane	4.897	49	15879	18.812	ug/l	95
29) Tetrahydrofuran	5.025	42	42293	98.307	ug/l	97
30) Chloroform	5.099	83	40855	19.054	ug/l	99
31) Cyclohexane	5.470	56	27357	19.891	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	32563	19.046	ug/l	98
36) 1,1-Dichloropropene	5.690	75	23052	19.234	ug/l	98
37) Ethyl Acetate	4.739	43	26944m	20.071	ug/l	
38) Carbon Tetrachloride	5.678	117	24749	18.891	ug/l	93
39) Methylcyclohexane	7.379	83	28237	19.744	ug/l	97
40) Benzene	6.037	78	80855	19.581	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	12176	20.652	ug/l	93
42) 1,2-Dichloroethane	6.092	62	29280	19.844	ug/l	98
43) Isopropyl Acetate	6.348	43	40854	19.373	ug/l	98
44) Trichloroethene	7.129	130	20531	20.169	ug/l	84
45) 1,2-Dichloropropane	7.427	63	19770	20.807	ug/l	91
46) Dibromomethane	7.586	93	13287	19.562	ug/l	98
47) Bromodichloromethane	7.824	83	26116	19.075	ug/l	94
48) Methyl methacrylate	7.702	41	19445	21.339	ug/l	95
49) 1,4-Dioxane	7.677	88	7414m	426.152	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	128230	101.553	ug/l	99
52) Toluene	8.720	92	50535	20.368	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24708	19.202	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	28148	19.471	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	17537	19.726	ug/l	95
56) Ethyl methacrylate	9.122	69	26015	19.792	ug/l	98
57) 1,3-Dichloropropane	9.311	76	30901	19.996	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	58944	100.969	ug/l	98
59) 2-Hexanone	9.433	43	94228	104.544	ug/l	98
60) Dibromochloromethane	9.525	129	16840	19.317	ug/l	95
61) 1,2-Dibromoethane	9.610	107	18259	20.333	ug/l	97
64) Tetrachloroethene	9.275	164	18065	20.154	ug/l	94
65) Chlorobenzene	10.079	112	54935	19.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17596	19.532	ug/l	97
67) Ethyl Benzene	10.195	91	90559	19.700	ug/l	100
68) m/p-Xylenes	10.299	106	70193	39.973	ug/l	100
69) o-Xylene	10.640	106	35454	19.991	ug/l	96
70) Styrene	10.659	104	58533	20.449	ug/l	100
71) Bromoform	10.799	173	9435	18.342	ug/l #	98
73) Isopropylbenzene	10.963	105	86042	20.224	ug/l	100
74) N-amyl acetate	10.848	43	32933	20.645	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	25367	19.309	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22425m	18.601	ug/l	
77) Bromobenzene	11.201	156	21473	19.686	ug/l	98
78) n-propylbenzene	11.305	91	94765	19.630	ug/l	100
79) 2-Chlorotoluene	11.366	91	66134	19.950	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	74988	20.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5532	17.226	ug/l	93
82) 4-Chlorotoluene	11.457	91	74184	19.319	ug/l	98
83) tert-Butylbenzene	11.713	119	70467	19.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	75667	19.809	ug/l	100
85) sec-Butylbenzene	11.890	105	85525	20.264	ug/l	98
86) p-Isopropyltoluene	12.006	119	71694	20.158	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	39495	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39021	17.995	ug/l	97
89) n-Butylbenzene	12.335	91	57602	19.498	ug/l	97
90) Hexachloroethane	12.536	117	10612	18.755	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	39011	18.991	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4543	19.245	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	20647	17.740	ug/l	99
94) Hexachlorobutadiene	13.725	225	8484	19.246	ug/l	99
95) Naphthalene	13.774	128	61834	17.083	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20907	18.125	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

