

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039896.D
 Acq On : 23 Jan 2024 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65206	44.390	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.780%		
35) Dibromofluoromethane	5.379	113	48948	48.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	177298	46.449	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.079	95	73092	48.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49030	43.215	ug/l	97
3) Chloromethane	1.295	50	52184	40.274	ug/l	95
4) Vinyl Chloride	1.374	62	52441	42.885	ug/l	98
5) Bromomethane	1.599	94	36246	51.950	ug/l	97
6) Chloroethane	1.685	64	33810	48.637	ug/l	98
7) Trichlorofluoromethane	1.886	101	88372	50.098	ug/l	99
8) Diethyl Ether	2.130	74	30965	47.501	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	54298	49.651	ug/l	98
10) Methyl Iodide	2.453	142	58716	50.894	ug/l	95
11) Tert butyl alcohol	2.953	59	82682	216.231	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	50588	47.932	ug/l	92
13) Acrolein	2.233	56	50622	212.978	ug/l	99
14) Allyl chloride	2.660	41	94248	45.371	ug/l	98
15) Acrylonitrile	3.056	53	174511	220.940	ug/l	99
16) Acetone	2.374	43	231396	280.100	ug/l	94
17) Carbon Disulfide	2.508	76	136872	45.120	ug/l	99
18) Methyl Acetate	2.697	43	80438	46.541	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	178780	47.714	ug/l	100
20) Methylene Chloride	2.788	84	58871	47.112	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	54089	48.700	ug/l	98
22) Diisopropyl ether	3.757	45	189140	47.713	ug/l	92
23) Vinyl Acetate	3.715	43	878148	238.311	ug/l	99
24) 1,1-Dichloroethane	3.605	63	105324	48.295	ug/l	98
25) 2-Butanone	4.544	43	281546	237.154	ug/l	99
26) 2,2-Dichloropropane	4.471	77	82325	47.035	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62683	49.207	ug/l	99
28) Bromochloromethane	4.898	49	45510	46.037	ug/l	96
29) Tetrahydrofuran	4.995	42	160679	210.278	ug/l	100
30) Chloroform	5.087	83	109765	50.985	ug/l	99
31) Cyclohexane	5.471	56	87931	45.357	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	92890	50.399	ug/l	98
36) 1,1-Dichloropropene	5.690	75	77272	49.052	ug/l	99
37) Ethyl Acetate	4.702	43	94664	45.044	ug/l	98
38) Carbon Tetrachloride	5.672	117	76675	53.143	ug/l	98
39) Methylcyclohexane	7.373	83	93993	49.688	ug/l	99
40) Benzene	6.031	78	224908	50.420	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49214	47.888	ug/l	94
42) 1,2-Dichloroethane	6.080	62	89486	52.766	ug/l	99
43) Isopropyl Acetate	6.330	43	149731	48.568	ug/l	99
44) Trichloroethene	7.117	130	56672	51.839	ug/l	95
45) 1,2-Dichloropropane	7.428	63	61666	51.533	ug/l	98
46) Dibromomethane	7.574	93	43797	52.991	ug/l	98
47) Bromodichloromethane	7.818	83	86027	56.200	ug/l	97
48) Methyl methacrylate	7.690	41	74348	49.063	ug/l	93
49) 1,4-Dioxane	7.653	88	23924	815.911	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	509869	240.136	ug/l	97
52) Toluene	8.714	92	139253	52.265	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	90143	55.497	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	94605	52.969	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	59438	52.398	ug/l	93
56) Ethyl methacrylate	9.110	69	95105	51.802	ug/l	96
57) 1,3-Dichloropropane	9.305	76	99861	51.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	206175	237.583	ug/l	96
59) 2-Hexanone	9.427	43	433405	257.912	ug/l	98
60) Dibromochloromethane	9.519	129	62150	58.097	ug/l	100
61) 1,2-Dibromoethane	9.604	107	63468	54.029	ug/l	99
64) Tetrachloroethene	9.269	164	47495	50.917	ug/l	97
65) Chlorobenzene	10.080	112	149155	49.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55209	54.271	ug/l	99
67) Ethyl Benzene	10.189	91	281941	50.832	ug/l	97
68) m/p-Xylenes	10.299	106	210088	102.992	ug/l	96
69) o-Xylene	10.640	106	100792	49.894	ug/l	94
70) Styrene	10.653	104	173461	52.565	ug/l	98
71) Bromoform	10.799	173	43905	57.478	ug/l #	100
73) Isopropylbenzene	10.957	105	279049	46.795	ug/l	100
74) N-amyl acetate	10.842	43	143831	46.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	101582	44.611	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86256m	44.420	ug/l	
77) Bromobenzene	11.195	156	62289	46.914	ug/l	96
78) n-propylbenzene	11.305	91	347900	48.203	ug/l	97
79) 2-Chlorotoluene	11.360	91	202316	45.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243056	47.991	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28930	44.990	ug/l	98
82) 4-Chlorotoluene	11.451	91	240111	47.455	ug/l	98
83) tert-Butylbenzene	11.713	119	230756	47.724	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	243699	48.230	ug/l	99
85) sec-Butylbenzene	11.890	105	311699	49.660	ug/l	98
86) p-Isopropyltoluene	12.006	119	252998	50.433	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124313	48.844	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126723	48.208	ug/l	99
89) n-Butylbenzene	12.329	91	251867	51.983	ug/l	95
90) Hexachloroethane	12.536	117	43364	51.240	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121049	48.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25594	45.869	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77324	50.287	ug/l	98
94) Hexachlorobutadiene	13.725	225	34855	54.530	ug/l	97
95) Naphthalene	13.774	128	259054	45.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76263	49.142	ug/l	99

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

