

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041914.D
 Acq On : 18 Jun 2024 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 07:50:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	281308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103066	47.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.140%		
35) Dibromofluoromethane	5.391	113	95187	47.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	8.647	98	335098	47.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	129198	49.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70789	48.938	ug/l	98
3) Chloromethane	1.307	50	87654	48.303	ug/l	99
4) Vinyl Chloride	1.374	62	88191	48.482	ug/l	99
5) Bromomethane	1.599	94	44149	49.150	ug/l	100
6) Chloroethane	1.660	64	39237	52.014	ug/l	96
7) Trichlorofluoromethane	1.867	101	112293	47.117	ug/l	98
8) Diethyl Ether	2.136	74	54736	48.927	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	80230	48.869	ug/l	86
10) Methyl Iodide	2.440	142	100192	49.101	ug/l #	87
11) Tert butyl alcohol	3.007	59	105462	253.809	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	81035	49.483	ug/l	83
13) Acrolein	2.239	56	115880	248.789	ug/l	99
14) Allyl chloride	2.660	41	131229	50.527	ug/l	90
15) Acrylonitrile	3.075	53	278686	256.775	ug/l	98
16) Acetone	2.398	43	219641	228.464	ug/l #	89
17) Carbon Disulfide	2.501	76	155219	46.485	ug/l	100
18) Methyl Acetate	2.709	43	139255	53.098	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	275607	50.942	ug/l	98
20) Methylene Chloride	2.782	84	95329	45.285	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	81535	49.057	ug/l	85
22) Diisopropyl ether	3.770	45	279463	50.906	ug/l #	84
23) Vinyl Acetate	3.727	43	1222762	260.808	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	154268	50.180	ug/l	96
25) 2-Butanone	4.574	43	384159	256.847	ug/l	95
26) 2,2-Dichloropropane	4.471	77	111450	50.061	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	105063	50.471	ug/l	86
28) Bromochloromethane	4.903	49	62973	47.824	ug/l #	74
29) Tetrahydrofuran	5.019	42	250750	259.588	ug/l	95
30) Chloroform	5.099	83	159943	49.937	ug/l	96
31) Cyclohexane	5.464	56	123406	48.196	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	135849	50.760	ug/l	96
36) 1,1-Dichloropropene	5.690	75	101868	48.060	ug/l	95
37) Ethyl Acetate	4.727	43	142202	51.502	ug/l	97
38) Carbon Tetrachloride	5.678	117	116027	49.544	ug/l	98
39) Methylcyclohexane	7.379	83	129026	48.133	ug/l	92
40) Benzene	6.037	78	348309	48.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	77557	51.818	ug/l	93
42) 1,2-Dichloroethane	6.086	62	114325	49.649	ug/l	91
43) Isopropyl Acetate	6.348	43	214817	50.687	ug/l	94
44) Trichloroethene	7.129	130	94798	49.472	ug/l	83
45) 1,2-Dichloropropane	7.434	63	88141	50.144	ug/l	100
46) Dibromomethane	7.580	93	64328	50.228	ug/l #	77
47) Bromodichloromethane	7.824	83	120115	51.083	ug/l	98
48) Methyl methacrylate	7.696	41	107065	52.934	ug/l	86
49) 1,4-Dioxane	7.665	88	49891	933.566	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	760407	260.467	ug/l	95
52) Toluene	8.720	92	228395	50.173	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	120625	48.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135213	52.523	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	97281	51.299	ug/l	99
56) Ethyl methacrylate	9.122	69	157961	53.543	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	155161	50.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	370346	269.380	ug/l	94
59) 2-Hexanone	9.433	43	591327	264.457	ug/l	93
60) Dibromochloromethane	9.525	129	108856	52.845	ug/l	98
61) 1,2-Dibromoethane	9.610	107	99768	50.730	ug/l	100
64) Tetrachloroethene	9.275	164	89806	47.350	ug/l	92
65) Chlorobenzene	10.079	112	264842	48.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97576	51.443	ug/l	99
67) Ethyl Benzene	10.195	91	427736	50.380	ug/l	96
68) m/p-Xylenes	10.299	106	343813	100.316	ug/l	91
69) o-Xylene	10.640	106	172816	50.931	ug/l	91
70) Styrene	10.659	104	298778	52.510	ug/l	94
71) Bromoform	10.799	173	91444	49.964	ug/l #	100
73) Isopropylbenzene	10.963	105	438747	50.781	ug/l	96
74) N-amyl acetate	10.841	43	199620	52.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	159005	49.495	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	125554m	48.672	ug/l	
77) Bromobenzene	11.201	156	129276	50.239	ug/l	78
78) n-propylbenzene	11.305	91	484233	51.654	ug/l	95
79) 2-Chlorotoluene	11.366	91	301142	49.858	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	368536	51.211	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	47395	52.178	ug/l	88
82) 4-Chlorotoluene	11.457	91	343422	51.435	ug/l	93
83) tert-Butylbenzene	11.713	119	403958	51.157	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	375981	52.076	ug/l	92
85) sec-Butylbenzene	11.890	105	464851	52.047	ug/l	94
86) p-Isopropyltoluene	12.006	119	408207	52.321	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	229174	50.669	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	229043	49.471	ug/l	95
89) n-Butylbenzene	12.335	91	315296	52.499	ug/l	97
90) Hexachloroethane	12.536	117	68179	51.328	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	233647	50.484	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33889	53.231	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	157819	52.054	ug/l	96
94) Hexachlorobutadiene	13.725	225	75907	49.512	ug/l	98
95) Naphthalene	13.774	128	509374	49.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166540	52.083	ug/l	96

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

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