

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041950.D
 Acq On : 19 Jun 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:58:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	190286	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	267988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87541	39.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.800%		
35) Dibromofluoromethane	5.385	113	80902	42.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.100%		
50) Toluene-d8	8.647	98	288258	43.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.300%#		
62) 4-Bromofluorobenzene	11.079	95	111346	45.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69009	47.603	ug/l	99
3) Chloromethane	1.301	50	78444	43.133	ug/l	98
4) Vinyl Chloride	1.374	62	82377	45.187	ug/l	100
5) Bromomethane	1.593	94	41619	46.232	ug/l	99
6) Chloroethane	1.660	64	41443	54.995	ug/l	97
7) Trichlorofluoromethane	1.868	101	129067	54.037	ug/l	99
8) Diethyl Ether	2.136	74	52142	46.506	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	81313	49.420	ug/l	87
10) Methyl Iodide	2.441	142	97819	47.833	ug/l #	86
11) Tert butyl alcohol	2.995	59	104158	250.122	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	77431	47.179	ug/l	82
13) Acrolein	2.239	56	108954	233.407	ug/l	98
14) Allyl chloride	2.654	41	124307	47.757	ug/l	89
15) Acrylonitrile	3.069	53	272316	250.356	ug/l	98
16) Acetone	2.392	43	222305	230.728	ug/l #	89
17) Carbon Disulfide	2.495	76	138451	41.373	ug/l	99
18) Methyl Acetate	2.709	43	138176	52.571	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	265604	48.985	ug/l	100
20) Methylene Chloride	2.782	84	91941	43.580	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	77735	46.668	ug/l	87
22) Diisopropyl ether	3.764	45	267542	48.627	ug/l #	85
23) Vinyl Acetate	3.721	43	1160834	247.056	ug/l	95
24) 1,1-Dichloroethane	3.605	63	149517	48.528	ug/l	97
25) 2-Butanone	4.568	43	378440	252.469	ug/l	95
26) 2,2-Dichloropropane	4.471	77	112036	50.214	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	100069	47.967	ug/l	87
28) Bromochloromethane	4.897	49	60468	45.821	ug/l #	75
29) Tetrahydrofuran	5.013	42	241957	249.936	ug/l	94
30) Chloroform	5.093	83	156191	48.659	ug/l	99
31) Cyclohexane	5.464	56	120154	46.823	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	130734	48.742	ug/l	96
36) 1,1-Dichloropropene	5.684	75	99725	49.388	ug/l	95
37) Ethyl Acetate	4.721	43	135358	51.460	ug/l	98
38) Carbon Tetrachloride	5.672	117	112063	50.230	ug/l	98
39) Methylcyclohexane	7.379	83	130468	51.090	ug/l	92
40) Benzene	6.031	78	336232	49.372	ug/l	98

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41) Methacrylonitrile	4.928	41	75419	52.894	ug/l	92
42) 1,2-Dichloroethane	6.086	62	108466	49.446	ug/l	91
43) Isopropyl Acetate	6.342	43	206806	51.222	ug/l	94
44) Trichloroethene	7.123	130	90837	49.761	ug/l	87
45) 1,2-Dichloropropane	7.428	63	85368	50.981	ug/l	96
46) Dibromomethane	7.580	93	61274	50.221	ug/l #	77
47) Bromodichloromethane	7.824	83	114920	51.303	ug/l	98
48) Methyl methacrylate	7.696	41	102387	53.137	ug/l	85
49) 1,4-Dioxane	7.665	88	49571	972.826	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	740565	266.279	ug/l	95
52) Toluene	8.720	92	220161	50.768	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	116910	49.371	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	129752	52.907	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	93955	52.007	ug/l	98
56) Ethyl methacrylate	9.116	69	150961	53.713	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	148900	51.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	335515	256.174	ug/l	93
59) 2-Hexanone	9.433	43	575523	270.183	ug/l	92
60) Dibromochloromethane	9.525	129	103396	52.690	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96893	51.717	ug/l	99
64) Tetrachloroethene	9.275	164	89476	49.531	ug/l	90
65) Chlorobenzene	10.079	112	258390	50.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93215	51.597	ug/l	99
67) Ethyl Benzene	10.195	91	418578	51.762	ug/l	97
68) m/p-Xylenes	10.299	106	338662	103.745	ug/l	90
69) o-Xylene	10.640	106	167339	51.778	ug/l	92
70) Styrene	10.653	104	290920	53.681	ug/l	93
71) Bromoform	10.799	173	85653	49.182	ug/l #	100
73) Isopropylbenzene	10.963	105	436222	51.422	ug/l	96
74) N-amyl acetate	10.842	43	188822	50.110	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	153804	48.761	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122303m	48.288	ug/l	
77) Bromobenzene	11.201	156	124109	49.123	ug/l	80
78) n-propylbenzene	11.305	91	482520	52.423	ug/l	96
79) 2-Chlorotoluene	11.366	91	297068	50.093	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	364805	51.630	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	45369	50.871	ug/l	89
82) 4-Chlorotoluene	11.451	91	339645	51.809	ug/l	92
83) tert-Butylbenzene	11.713	119	399196	51.489	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	374268	52.797	ug/l	94
85) sec-Butylbenzene	11.890	105	469199	53.504	ug/l	95
86) p-Isopropyltoluene	12.006	119	414458	54.104	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	225664	50.816	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	225560	49.619	ug/l	95
89) n-Butylbenzene	12.335	91	327407	55.523	ug/l	98
90) Hexachloroethane	12.536	117	66409	50.920	ug/l #	59
91) 1,2-Dichlorobenzene	12.335	146	228429	50.269	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32309	51.687	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.591	180	157434	52.887	ug/l	95
94) Hexachlorobutadiene	13.725	225	78521	52.164	ug/l	100
95) Naphthalene	13.774	128	484111	48.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163870	52.196	ug/l	96

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

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