

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041838.D
 Acq On : 12 Jun 2024 16:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 03:42:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/13/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	223093	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	322232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	297737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163811	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	112535	41.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.260%
35) Dibromofluoromethane	5.379	113	101670	45.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	8.647	98	365951	47.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.020%
62) 4-Bromofluorobenzene	11.079	95	137034	47.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	82845	42.262	ug/l	97
3) Chloromethane	1.301	50	97011	45.357	ug/l	100
4) Vinyl Chloride	1.374	62	100185	45.502	ug/l	98
5) Bromomethane	1.593	94	54013	35.224	ug/l	99
6) Chloroethane	1.660	64	45896	34.488	ug/l	96
7) Trichlorofluoromethane	1.868	101	141597	39.382	ug/l	99
8) Diethyl Ether	2.136	74	61370	44.288	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.313	101	93467	45.877	ug/l	87
10) Methyl Iodide	2.441	142	119560	47.061	ug/l	# 87
11) Tert butyl alcohol	2.995	59	120852	249.680	ug/l	# 94
12) 1,1-Dichloroethene	2.307	96	89883	45.198	ug/l	83
13) Acrolein	2.239	56	105973	235.144	ug/l	98
14) Allyl chloride	2.654	41	156971	47.980	ug/l	90
15) Acrylonitrile	3.062	53	291757	245.786	ug/l	98
16) Acetone	2.386	43	280618	237.071	ug/l	90
17) Carbon Disulfide	2.502	76	183623	41.739	ug/l	99
18) Methyl Acetate	2.703	43	139812	53.514	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	304107	45.706	ug/l	100
20) Methylene Chloride	2.782	84	106642	43.552	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	92356	44.761	ug/l	87
22) Diisopropyl ether	3.757	45	314599	47.053	ug/l	90
23) Vinyl Acetate	3.715	43	1388025	231.081	ug/l	95
24) 1,1-Dichloroethane	3.599	63	172962	45.749	ug/l	97
25) 2-Butanone	4.556	43	416706	245.042	ug/l	96
26) 2,2-Dichloropropane	4.465	77	137186	44.227	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	115603	46.870	ug/l	89
28) Bromochloromethane	4.885	49	74221	45.581	ug/l	# 79
29) Tetrahydrofuran	5.001	42	262272	244.552	ug/l	97
30) Chloroform	5.086	83	177655	44.756	ug/l	95
31) Cyclohexane	5.452	56	145485	45.036	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	153104	44.014	ug/l	96
36) 1,1-Dichloropropene	5.684	75	117831	43.679	ug/l	95
37) Ethyl Acetate	4.715	43	149407	43.886	ug/l	98
38) Carbon Tetrachloride	5.666	117	132361	43.186	ug/l	97
39) Methylcyclohexane	7.373	83	155543	46.932	ug/l	93
40) Benzene	6.025	78	392632	46.564	ug/l	97

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41) Methacrylonitrile	4.916	41	83970	50.433	ug/l	93
42) 1,2-Dichloroethane	6.080	62	127185	40.405	ug/l	92
43) Isopropyl Acetate	6.336	43	233338	45.396	ug/l	95
44) Trichloroethene	7.117	130	105704	46.093	ug/l	88
45) 1,2-Dichloropropane	7.421	63	96796	48.282	ug/l	98
46) Dibromomethane	7.574	93	69258	45.040	ug/l #	78
47) Bromodichloromethane	7.818	83	132673	46.597	ug/l	97
48) Methyl methacrylate	7.690	41	116241	47.091	ug/l	87
49) 1,4-Dioxane	7.659	88	52376	971.124	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	799782	239.952	ug/l	95
52) Toluene	8.714	92	251061	46.917	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	136436	48.682	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	151694	48.927	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	103147	47.817	ug/l	95
56) Ethyl methacrylate	9.116	69	167283	50.807	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	167661	46.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	397648	256.534	ug/l	94
59) 2-Hexanone	9.427	43	631096	248.350	ug/l	93
60) Dibromochloromethane	9.519	129	115615	48.315	ug/l	99
61) 1,2-Dibromoethane	9.604	107	107669	47.292	ug/l	100
64) Tetrachloroethene	9.269	164	101519	45.494	ug/l	92
65) Chlorobenzene	10.073	112	292932	45.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	104188	46.990	ug/l	99
67) Ethyl Benzene	10.189	91	479113	47.049	ug/l	99
68) m/p-Xylenes	10.299	106	383926	94.771	ug/l	92
69) o-Xylene	10.640	106	190768	47.336	ug/l	92
70) Styrene	10.653	104	329380	49.483	ug/l	94
71) Bromoform	10.799	173	94458	48.917	ug/l #	99
73) Isopropylbenzene	10.957	105	490185	48.241	ug/l	96
74) N-amyl acetate	10.842	43	217453	48.310	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	170626	47.316	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140059m	49.003	ug/l	
77) Bromobenzene	11.195	156	140121	46.717	ug/l	80
78) n-propylbenzene	11.305	91	550109	49.303	ug/l	97
79) 2-Chlorotoluene	11.360	91	338981	47.267	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	414774	48.889	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	53637	51.147	ug/l	88
82) 4-Chlorotoluene	11.451	91	387389	47.481	ug/l	93
83) tert-Butylbenzene	11.713	119	442379	48.407	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	421072	48.986	ug/l	93
85) sec-Butylbenzene	11.890	105	530656	50.649	ug/l	96
86) p-Isopropyltoluene	12.006	119	470732	51.229	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	254739	47.556	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	259153	46.934	ug/l	95
89) n-Butylbenzene	12.329	91	378239	51.997	ug/l	97
90) Hexachloroethane	12.536	117	75636	48.396	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	257874	47.262	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35663	48.954	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.585	180	180974	50.327	ug/l	95
94) Hexachlorobutadiene	13.725	225	87027	48.849	ug/l	98
95) Naphthalene	13.774	128	537263	50.630	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	183213	49.506	ug/l	96

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

