

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041166.D
 Acq On : 19 Apr 2024 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 01:26:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/22/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	237733	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	322435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165483	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	119641	46.613	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.385	113	104919	48.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.647	98	363333	48.158	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	139787	48.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	103251	54.756	ug/l	98
3) Chloromethane	1.294	50	108887	51.959	ug/l	96
4) Vinyl Chloride	1.374	62	112678	46.911	ug/l	100
5) Bromomethane	1.599	94	65468	43.476	ug/l	98
6) Chloroethane	1.666	64	41305	26.053	ug/l	98
7) Trichlorofluoromethane	1.861	101	171379	45.457	ug/l	98
8) Diethyl Ether	2.136	74	61953	41.874	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	108400	49.461	ug/l #	86
10) Methyl Iodide	2.447	142	135975	59.060	ug/l #	88
11) Tert butyl alcohol	3.038	59	117606	234.216	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	104155	49.640	ug/l	86
13) Acrolein	2.239	56	136290	215.823	ug/l	98
14) Allyl chloride	2.660	41	171404	50.511	ug/l #	92
15) Acrylonitrile	3.075	53	290891	233.978	ug/l	99
16) Acetone	2.392	43	241045	223.431	ug/l	94
17) Carbon Disulfide	2.502	76	231827	48.539	ug/l	98
18) Methyl Acetate	2.709	43	129282	48.000	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	332799	51.316	ug/l	99
20) Methylene Chloride	2.788	84	111177	48.295	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	105314	48.931	ug/l	88
22) Diisopropyl ether	3.764	45	334140	51.417	ug/l	89
23) Vinyl Acetate	3.721	43	1516848	257.548	ug/l	95
24) 1,1-Dichloroethane	3.605	63	187934	49.393	ug/l	97
25) 2-Butanone	4.568	43	388639	229.279	ug/l	96
26) 2,2-Dichloropropane	4.471	77	159075	52.671	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	128495	49.418	ug/l	88
28) Bromochloromethane	4.897	49	69621	46.941	ug/l #	71
29) Tetrahydrofuran	5.013	42	260471	232.115	ug/l	95
30) Chloroform	5.093	83	200144	48.408	ug/l	97
31) Cyclohexane	5.464	56	167018	52.529	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	177863	49.019	ug/l	96
36) 1,1-Dichloropropene	5.690	75	135531	49.701	ug/l	95
37) Ethyl Acetate	4.721	43	157437	48.345	ug/l	98
38) Carbon Tetrachloride	5.672	117	157209	49.719	ug/l	99
39) Methylcyclohexane	7.373	83	187658	54.843	ug/l	93
40) Benzene	6.031	78	427643	51.374	ug/l	99

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41) Methacrylonitrile	4.928	41	82384	48.272	ug/l	93
42) 1,2-Dichloroethane	6.086	62	147329	49.393	ug/l	94
43) Isopropyl Acetate	6.342	43	242717	50.191	ug/l	96
44) Trichloroethene	7.123	130	121010	48.944	ug/l	88
45) 1,2-Dichloropropane	7.427	63	101404	51.303	ug/l	99
46) Dibromomethane	7.580	93	76970	49.527	ug/l #	75
47) Bromodichloromethane	7.818	83	147719	48.832	ug/l	96
48) Methyl methacrylate	7.696	41	122450	51.876	ug/l	91
49) 1,4-Dioxane	7.671	88	50938	923.497	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	791277	240.866	ug/l	97
52) Toluene	8.720	92	281176	51.745	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	149642	51.575	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	167763	52.630	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	109072	49.992	ug/l	98
56) Ethyl methacrylate	9.116	69	172269	48.873	ug/l	93
57) 1,3-Dichloropropane	9.311	76	176000	49.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	397814	259.262	ug/l	92
59) 2-Hexanone	9.433	43	619507	243.776	ug/l	94
60) Dibromochloromethane	9.519	129	128713	48.773	ug/l	98
61) 1,2-Dibromoethane	9.610	107	115155	48.319	ug/l	97
64) Tetrachloroethene	9.269	164	121929	51.949	ug/l	91
65) Chlorobenzene	10.079	112	322169	49.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	114541	51.358	ug/l	99
67) Ethyl Benzene	10.195	91	524289	51.536	ug/l	97
68) m/p-Xylenes	10.299	106	425148	105.068	ug/l	91
69) o-Xylene	10.640	106	208192	52.855	ug/l	91
70) Styrene	10.653	104	351556	52.563	ug/l	94
71) Bromoform	10.799	173	104823	49.901	ug/l #	99
73) Isopropylbenzene	10.963	105	532158	54.517	ug/l	96
74) N-amyl acetate	10.842	43	219416	56.663	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	170912	53.359	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	135607m	50.285	ug/l	
77) Bromobenzene	11.195	156	153047	53.405	ug/l	77
78) n-propylbenzene	11.305	91	593189	54.190	ug/l	95
79) 2-Chlorotoluene	11.366	91	361112	54.114	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	453044	55.716	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	50949	48.900	ug/l	92
82) 4-Chlorotoluene	11.451	91	414727	53.376	ug/l	92
83) tert-Butylbenzene	11.713	119	481210	55.489	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	454604	56.020	ug/l	93
85) sec-Butylbenzene	11.890	105	567855	54.572	ug/l	94
86) p-Isopropyltoluene	12.006	119	508627	55.077	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	278980	51.604	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	281081	49.300	ug/l	95
89) n-Butylbenzene	12.329	91	402024	51.313	ug/l	97
90) Hexachloroethane	12.536	117	83209	53.210	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	284352	53.003	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36348	52.318	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	183780	45.580	ug/l	96
94) Hexachlorobutadiene	13.725	225	90678	47.176	ug/l	99
95) Naphthalene	13.774	128	539108	49.504	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	186708	46.636	ug/l	95

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

