

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036878.D
 Acq On : 08 Aug 2023 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 04:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101669	52.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.260%			
35) Dibromofluoromethane	5.385	113	84758	53.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.960%			
50) Toluene-d8	8.647	98	277805	49.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	110469	52.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99355	57.602	ug/l	96
3) Chloromethane	1.300	50	85276	54.357	ug/l	100
4) Vinyl Chloride	1.374	62	93956	58.824	ug/l	99
5) Bromomethane	1.599	94	45023	47.215	ug/l	98
6) Chloroethane	1.678	64	58127	74.853	ug/l	98
7) Trichlorofluoromethane	1.886	101	158312	64.183	ug/l	99
8) Diethyl Ether	2.136	74	58537	61.341	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	87653	59.149	ug/l	98
10) Methyl Iodide	2.453	142	108399	70.425	ug/l	95
11) Tert butyl alcohol	2.965	59	130911	286.223	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	87277	59.696	ug/l	88
13) Acrolein	2.239	56	95229	364.831	ug/l	98
14) Allyl chloride	2.666	41	145939	50.692	ug/l #	96
15) Acrylonitrile	3.062	53	267450	290.770	ug/l	99
16) Acetone	2.380	43	227991	284.392	ug/l	91
17) Carbon Disulfide	2.514	76	220562	54.661	ug/l	98
18) Methyl Acetate	2.703	43	191030	56.643	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	335916	61.142	ug/l	100
20) Methylene Chloride	2.788	84	101236	56.781	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	98481	60.269	ug/l	88
22) Diisopropyl ether	3.763	45	295782	54.110	ug/l	85
23) Vinyl Acetate	3.721	43	1163736	277.539	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	180699	58.960	ug/l	96
25) 2-Butanone	4.556	43	372292	286.229	ug/l	91
26) 2,2-Dichloropropane	4.477	77	132944	46.036	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	116264	59.906	ug/l	91
28) Bromochloromethane	4.897	49	76873	51.864	ug/l	84
29) Tetrahydrofuran	5.001	42	237589	283.326	ug/l	88
30) Chloroform	5.092	83	193466	61.702	ug/l	97
31) Cyclohexane	5.470	56	136349	50.973	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	175906	61.227	ug/l	98
36) 1,1-Dichloropropene	5.696	75	134976	57.135	ug/l	97
37) Ethyl Acetate	4.714	43	148087	55.383	ug/l	96
38) Carbon Tetrachloride	5.678	117	150215	59.809	ug/l	99
39) Methylcyclohexane	7.379	83	141172	48.058	ug/l	91
40) Benzene	6.037	78	405720	59.029	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	78637	54.987	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	154791	61.597	ug/l	96
43) Isopropyl Acetate	6.342	43	244995	53.228	ug/l #	94
44) Trichloroethene	7.123	130	109494	60.945	ug/l	96
45) 1,2-Dichloropropane	7.433	63	102790	56.013	ug/l	99
46) Dibromomethane	7.580	93	78469	61.098	ug/l	96
47) Bromodichloromethane	7.824	83	153948	58.396	ug/l	96
48) Methyl methacrylate	7.690	41	116234	54.302	ug/l #	87
49) 1,4-Dioxane	7.659	88	50868	1176.353	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	706787	277.485	ug/l	94
52) Toluene	8.720	92	257000	59.674	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	163433	54.850	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	172841	54.972	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	107633	59.454	ug/l	98
56) Ethyl methacrylate	9.116	69	172509	58.519	ug/l	91
57) 1,3-Dichloropropane	9.305	76	181472	60.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	383510	264.030	ug/l	95
59) 2-Hexanone	9.427	43	531979	281.414	ug/l	92
60) Dibromochloromethane	9.518	129	119500	60.057	ug/l	99
61) 1,2-Dibromoethane	9.610	107	115700	61.665	ug/l	99
64) Tetrachloroethene	9.275	164	95497	62.630	ug/l	98
65) Chlorobenzene	10.079	112	269695	59.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	107004	61.437	ug/l	100
67) Ethyl Benzene	10.195	91	482241	58.582	ug/l	98
68) m/p-Xylenes	10.299	106	368445	119.960	ug/l	98
69) o-Xylene	10.640	106	183481	59.848	ug/l	99
70) Styrene	10.652	104	306665	60.628	ug/l	98
71) Bromoform	10.799	173	83465	59.200	ug/l #	99
73) Isopropylbenzene	10.963	105	464630	56.300	ug/l	99
74) N-amyl acetate	10.841	43	197767	51.389	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	159454	57.206	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	135434m	57.741	ug/l	
77) Bromobenzene	11.195	156	112749	59.991	ug/l	94
78) n-propylbenzene	11.305	91	522362	54.730	ug/l	99
79) 2-Chlorotoluene	11.366	91	324619	56.129	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	389055	56.352	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	50041	48.356	ug/l	87
82) 4-Chlorotoluene	11.451	91	375757	57.022	ug/l	99
83) tert-Butylbenzene	11.713	119	367247	54.147	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	397539	57.576	ug/l	97
85) sec-Butylbenzene	11.890	105	435686	51.509	ug/l	98
86) p-Isopropyltoluene	12.006	119	372317	53.495	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205159	58.938	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	210503	60.936	ug/l	99
89) n-Butylbenzene	12.329	91	306889	49.257	ug/l	99
90) Hexachloroethane	12.536	117	68200	48.336	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	205694	61.235	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38134	58.874	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	118168	57.099	ug/l	98
94) Hexachlorobutadiene	13.725	225	41197	48.117	ug/l	98
95) Naphthalene	13.774	128	456771	63.337	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121164	59.402	ug/l	99

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

