

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027390.D
 Acq On : 11 Mar 2022 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:07:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	355165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	535387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189176	45.675	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	174941	50.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.280%		
50) Toluene-d8	8.647	98	661288	50.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.400%		
62) 4-Bromofluorobenzene	11.079	95	251879	50.672	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	167909	46.121	ug/l	98
3) Chloromethane	1.294	50	162318	42.399	ug/l	99
4) Vinyl Chloride	1.374	62	174197	44.273	ug/l	100
5) Bromomethane	1.599	94	77348	48.446	ug/l	99
6) Chloroethane	1.679	64	101438	44.043	ug/l	100
7) Trichlorofluoromethane	1.886	101	248441	45.342	ug/l	97
8) Diethyl Ether	2.136	74	94745	44.377	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	169084	47.201	ug/l	95
10) Methyl Iodide	2.447	142	243141	48.086	ug/l	100
11) Tert butyl alcohol	2.965	59	164585	202.703	ug/l	100
12) 1,1-Dichloroethene	2.319	96	158338	45.978	ug/l	91
13) Acrolein	2.233	56	138979	244.188	ug/l	97
14) Allyl chloride	2.660	41	238352	44.126	ug/l	96
15) Acrylonitrile	3.062	53	455463	213.147	ug/l	100
16) Acetone	2.380	43	431372	268.955	ug/l	99
17) Carbon Disulfide	2.508	76	394150	42.127	ug/l	100
18) Methyl Acetate	2.703	43	188424	41.385	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	518267	45.422	ug/l	99
20) Methylene Chloride	2.788	84	177384	43.839	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	170526	44.550	ug/l	97
22) Diisopropyl ether	3.764	45	485016	44.915	ug/l	98
23) Vinyl Acetate	3.721	43	2068696	228.997	ug/l	97
24) 1,1-Dichloroethane	3.611	63	293314	44.734	ug/l	99
25) 2-Butanone	4.556	43	624110	218.761	ug/l	99
26) 2,2-Dichloropropane	4.477	77	227941	48.485	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	201789	45.438	ug/l	94
28) Bromochloromethane	4.897	49	120146	44.039	ug/l	90
29) Tetrahydrofuran	5.001	42	389682	206.432	ug/l	95
30) Chloroform	5.093	83	316049	45.668	ug/l	98
31) Cyclohexane	5.464	56	264322	45.625	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	277118	46.851	ug/l	98
36) 1,1-Dichloropropene	5.690	75	234226	48.834	ug/l	97
37) Ethyl Acetate	4.715	43	227126	44.923	ug/l	99
38) Carbon Tetrachloride	5.678	117	249498	50.305	ug/l	98
39) Methylcyclohexane	7.379	83	302396	49.927	ug/l	99
40) Benzene	6.037	78	694100	47.512	ug/l	100

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41) Methacrylonitrile	4.916	41	126127	46.269	ug/l	96
42) 1,2-Dichloroethane	6.086	62	229624	48.117	ug/l	99
43) Isopropyl Acetate	6.336	43	355183	46.602	ug/l	99
44) Trichloroethene	7.123	130	200649	50.007	ug/l	98
45) 1,2-Dichloropropane	7.434	63	174304	47.618	ug/l	96
46) Dibromomethane	7.580	93	127537	48.972	ug/l	97
47) Bromodichloromethane	7.824	83	238984	49.690	ug/l	99
48) Methyl methacrylate	7.690	41	179066	47.246	ug/l	94
49) 1,4-Dioxane	7.659	88	82449	830.739	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1165890	228.485	ug/l	98
52) Toluene	8.720	92	464511	49.877	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	256451	51.969	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	283366	51.156	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	192939	49.642	ug/l	98
56) Ethyl methacrylate	9.116	69	285632	49.824	ug/l	97
57) 1,3-Dichloropropane	9.311	76	303274	48.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	699294	241.597	ug/l	98
59) 2-Hexanone	9.433	43	905401	229.703	ug/l	96
60) Dibromochloromethane	9.525	129	209595	52.838	ug/l	96
61) 1,2-Dibromoethane	9.610	107	203189	50.624	ug/l	99
64) Tetrachloroethene	9.275	164	180240	51.247	ug/l	98
65) Chlorobenzene	10.079	112	521999	49.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	189909	51.443	ug/l	99
67) Ethyl Benzene	10.195	91	905792	49.744	ug/l	97
68) m/p-Xylenes	10.299	106	721639	101.036	ug/l	97
69) o-Xylene	10.640	106	352893	50.044	ug/l	99
70) Styrene	10.659	104	596032	50.921	ug/l	99
71) Bromoform	10.799	173	159551	52.922	ug/l #	100
73) Isopropylbenzene	10.963	105	922030	48.905	ug/l	100
74) N-amyl acetate	10.842	43	310286	45.029	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	292039	45.075	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	262520m	46.415	ug/l	
77) Bromobenzene	11.201	156	233806	49.144	ug/l	93
78) n-propylbenzene	11.305	91	1054867	49.740	ug/l	97
79) 2-Chlorotoluene	11.366	91	630564	47.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	795776	49.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	88711	50.725	ug/l	98
82) 4-Chlorotoluene	11.457	91	726106	48.426	ug/l	97
83) tert-Butylbenzene	11.713	119	797357	49.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	787043	49.094	ug/l	99
85) sec-Butylbenzene	11.890	105	975320	50.050	ug/l	100
86) p-Isopropyltoluene	12.012	119	841571	51.010	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	441163	49.357	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	443619	49.021	ug/l	99
89) n-Butylbenzene	12.335	91	705795	51.073	ug/l	97
90) Hexachloroethane	12.542	117	132882	51.676	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	428472	48.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61737	45.481	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	289314	50.013	ug/l	99
94) Hexachlorobutadiene	13.725	225	129768	51.159	ug/l	95
95) Naphthalene	13.780	128	947184	48.774	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	293123	50.706	ug/l	96

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

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