

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037643.D
 Acq On : 11 Sep 2023 15:44
 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 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 09:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111491	50.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.520%			
35) Dibromofluoromethane	5.385	113	86085	50.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	8.647	98	333163	51.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	125070	53.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70809	48.306	ug/l	96
3) Chloromethane	1.301	50	77352	44.992	ug/l	100
4) Vinyl Chloride	1.374	62	89420	47.260	ug/l	99
5) Bromomethane	1.599	94	92785	57.585	ug/l	99
6) Chloroethane	1.673	64	62246	48.383	ug/l	98
7) Trichlorofluoromethane	1.880	101	159782	49.792	ug/l	99
8) Diethyl Ether	2.130	74	63464	48.939	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	68826	48.491	ug/l	100
10) Methyl Iodide	2.447	142	81052	48.039	ug/l	95
11) Tert butyl alcohol	2.965	59	117732	256.695	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	66269	47.526	ug/l	94
13) Acrolein	2.233	56	94872	261.774	ug/l	99
14) Allyl chloride	2.660	41	115085	46.383	ug/l #	94
15) Acrylonitrile	3.063	53	257221	246.571	ug/l	99
16) Acetone	2.380	43	213339	232.658	ug/l	92
17) Carbon Disulfide	2.508	76	170414	47.411	ug/l	100
18) Methyl Acetate	2.703	43	183143	47.655	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	278724	49.517	ug/l	100
20) Methylene Chloride	2.788	84	87705	50.575	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	78640	47.560	ug/l	92
22) Diisopropyl ether	3.764	45	270479	49.944	ug/l #	84
23) Vinyl Acetate	3.721	43	1035538	260.621	ug/l	97
24) 1,1-Dichloroethane	3.605	63	155909	49.209	ug/l	99
25) 2-Butanone	4.556	43	364246	247.397	ug/l	91
26) 2,2-Dichloropropane	4.471	77	86901	39.612	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	98185	49.657	ug/l	91
28) Bromochloromethane	4.898	49	80989	50.411	ug/l	95
29) Tetrahydrofuran	5.001	42	238282	250.921	ug/l	91
30) Chloroform	5.093	83	171922	50.048	ug/l	100
31) Cyclohexane	5.471	56	126434	49.499	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143072	49.586	ug/l	99
36) 1,1-Dichloropropene	5.690	75	117001	49.346	ug/l	99
37) Ethyl Acetate	4.715	43	141733	51.833	ug/l	98
38) Carbon Tetrachloride	5.672	117	120824	51.023	ug/l	99
39) Methylcyclohexane	7.379	83	142598	51.133	ug/l	94
40) Benzene	6.038	78	363828	50.465	ug/l	99

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41) Methacrylonitrile	4.916	41	73416	50.536	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	144304	51.653	ug/l	99
43) Isopropyl Acetate	6.342	43	228954	52.967	ug/l	98
44) Trichloroethene	7.129	130	90087	51.198	ug/l	97
45) 1,2-Dichloropropane	7.428	63	96647	51.088	ug/l	99
46) Dibromomethane	7.580	93	71378	51.717	ug/l	99
47) Bromodichloromethane	7.824	83	135111	54.619	ug/l	98
48) Methyl methacrylate	7.690	41	110807	52.488	ug/l #	86
49) 1,4-Dioxane	7.659	88	57046	1084.876	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	770755	270.438	ug/l	97
52) Toluene	8.720	92	238809	52.349	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	138163	55.260	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147062	53.933	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	103383	52.703	ug/l	96
56) Ethyl methacrylate	9.116	69	161782	54.880	ug/l	94
57) 1,3-Dichloropropane	9.311	76	169375	51.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	389134	273.497	ug/l	97
59) 2-Hexanone	9.433	43	602809	275.751	ug/l	96
60) Dibromochloromethane	9.519	129	105432	55.374	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111027	53.676	ug/l	99
64) Tetrachloroethene	9.275	164	78924	50.648	ug/l	98
65) Chlorobenzene	10.080	112	260590	49.691	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	95342	52.094	ug/l	98
67) Ethyl Benzene	10.195	91	478944	51.357	ug/l	100
68) m/p-Xylenes	10.299	106	368757	103.774	ug/l	99
69) o-Xylene	10.640	106	183513	52.081	ug/l	100
70) Styrene	10.659	104	308417	53.054	ug/l	97
71) Bromoform	10.799	173	77099	55.108	ug/l #	99
73) Isopropylbenzene	10.964	105	475522	49.109	ug/l	99
74) N-amyl acetate	10.842	43	218309	51.072	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	177408	48.323	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138753m	47.705	ug/l	
77) Bromobenzene	11.201	156	114395	49.226	ug/l	94
78) n-propylbenzene	11.305	91	573511	51.317	ug/l	99
79) 2-Chlorotoluene	11.366	91	342364	49.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	419207	51.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	45409	48.796	ug/l	94
82) 4-Chlorotoluene	11.457	91	396185	50.648	ug/l	98
83) tert-Butylbenzene	11.713	119	409022	50.150	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	419281	51.036	ug/l	98
85) sec-Butylbenzene	11.890	105	518973	51.338	ug/l	99
86) p-Isopropyltoluene	12.012	119	426233	51.203	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	217145	49.180	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	219433	48.817	ug/l	99
89) n-Butylbenzene	12.335	91	392022	52.607	ug/l	97
90) Hexachloroethane	12.536	117	76562	54.400	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	217167	48.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39068	50.668	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	130495	50.039	ug/l	96
94) Hexachlorobutadiene	13.725	225	53316	47.172	ug/l	99
95) Naphthalene	13.774	128	473911	50.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133500	49.642	ug/l	99

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

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