

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010920\
 Data File : VX014498.D
 Acq On : 09 Jan 2020 15:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/10/2020 8:34:58 AM

Quant Time: Jan 09 16:01:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	515739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	764941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	700226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280361	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.48	113	236131	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	922371	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	335619	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	341502	53.317	ug/l	98
3) Chloromethane	1.32	50	335737	51.070	ug/l	99
4) Vinyl Chloride	1.40	62	396517	54.128	ug/l	97
5) Bromomethane	1.63	94	215339	44.346	ug/l	96
6) Chloroethane	1.72	64	211903	53.165	ug/l	98
7) Trichlorofluoromethane	1.92	101	427938	51.497	ug/l	100
8) Diethyl Ether	2.18	74	185984	49.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261408	51.706	ug/l	100
10) Methyl Iodide	2.50	142	285029	47.083	ug/l	98
11) Tert butyl alcohol	3.02	59	284147	236.369	ug/l	98
12) 1,1-Dichloroethene	2.37	96	256225	50.302	ug/l	99
13) Acrolein	2.28	56	225087	233.604	ug/l	100
14) Allyl chloride	2.72	41	460573	51.502	ug/l	99
15) Acrylonitrile	3.13	53	718940	247.792	ug/l	99
16) Acetone	2.43	43	766663	265.844	ug/l	99
17) Carbon Disulfide	2.56	76	709119	49.893	ug/l	99
18) Methyl Acetate	2.76	43	432834	52.307	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	853958	52.225	ug/l	100
20) Methylene Chloride	2.85	84	287289	49.602	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	280203	50.388	ug/l	99
22) Diisopropyl ether	3.84	45	931424	53.894	ug/l	96
23) Vinyl Acetate	3.80	43	3636990	271.816	ug/l	98
24) 1,1-Dichloroethane	3.69	63	497393	52.906	ug/l	99
25) 2-Butanone	4.65	43	1066329	247.947	ug/l	100
26) 2,2-Dichloropropane	4.57	77	418640	52.565	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	315129	50.693	ug/l	99
28) Bromochloromethane	5.00	49	198829	50.190	ug/l	97
29) Tetrahydrofuran	5.11	42	641036	252.108	ug/l	99
30) Chloroform	5.20	83	482064	52.473	ug/l	98
31) Cyclohexane	5.57	56	481907	54.762	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	414309	52.685	ug/l	100
36) 1,1-Dichloropropene	5.79	75	378348	52.595	ug/l	99
37) Ethyl Acetate	4.81	43	392311	50.208	ug/l	100
38) Carbon Tetrachloride	5.77	117	356493	53.853	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	498632	55.173	ug/l	96
40) Benzene	6.13	78	1141569	53.468	ug/l	98
41) Methacrylonitrile	5.02	41	221128	53.068	ug/l	99
42) 1,2-Dichloroethane	6.18	62	382747	51.272	ug/l	100
43) Isopropyl Acetate	6.43	43	665917	52.757	ug/l	100
44) Trichloroethene	7.20	130	320873	52.297	ug/l	99
45) 1,2-Dichloropropane	7.50	63	297301	54.618	ug/l	100
46) Dibromomethane	7.65	93	187966	49.475	ug/l	98
47) Bromodichloromethane	7.89	83	379676	54.922	ug/l	98
48) Methyl methacrylate	7.76	41	330299	54.636	ug/l	100
49) 1,4-Dioxane	7.73	88	118303	923.535	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2010076	261.328	ug/l	99
52) Toluene	8.78	92	728910	53.333	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	433401	53.850	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	481858	55.424	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	286641	52.215	ug/l	97
56) Ethyl methacrylate	9.17	69	462124	54.947	ug/l	99
57) 1,3-Dichloropropane	9.36	76	486060	52.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	744436	260.157	ug/l	99
59) 2-Hexanone	9.48	43	1568005	257.638	ug/l	100
60) Dibromochloromethane	9.57	129	308891	55.982	ug/l	99
61) 1,2-Dibromoethane	9.67	107	301012	51.764	ug/l	100
64) Tetrachloroethene	9.33	164	329776	46.991	ug/l	98
65) Chlorobenzene	10.13	112	784397	51.619	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	287428	53.001	ug/l	100
67) Ethyl Benzene	10.25	91	1389019	53.628	ug/l	100
68) m/p-Xylenes	10.35	106	1069130	106.994	ug/l	99
69) o-Xylene	10.70	106	517644	54.295	ug/l	98
70) Styrene	10.71	104	891381	54.177	ug/l	99
71) Bromoform	10.85	173	236405	53.281	ug/l	100
73) Isopropylbenzene	11.01	105	1377512	54.447	ug/l	99
74) N-amyl acetate	10.89	43	599563	53.715	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	425950	52.498	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	355424m	47.680	ug/l	
77) Bromobenzene	11.25	156	354437	50.517	ug/l	99
78) n-propylbenzene	11.35	91	1590926	54.907	ug/l	99
79) 2-Chlorotoluene	11.42	91	915708	53.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1150850	54.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	149847	53.145	ug/l	98
82) 4-Chlorotoluene	11.51	91	1066520	52.615	ug/l	99
83) tert-Butylbenzene	11.76	119	1094715	55.158	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1158681	54.591	ug/l	100
85) sec-Butylbenzene	11.94	105	1348344	54.649	ug/l	100
86) p-Isopropyltoluene	12.06	119	1246440	54.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	636673	50.563	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	644022	54.494	ug/l	99
89) n-Butylbenzene	12.38	91	1126256	53.802	ug/l	100
90) Hexachloroethane	12.59	117	221838	55.161	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	632743	51.289	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	90867	49.789	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	464592	53.666	ug/l	99
94) Hexachlorobutadiene	13.77	225	218791	53.948	ug/l	99
95) Naphthalene	13.83	128	1313147	48.862	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	451487	53.149	ug/l	99

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

