

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015557.D
 Acq On : 08 Apr 2020 10:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:38 AM

Quant Time: Apr 09 06:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1139570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1740295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1580681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	845954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	684910	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
35) Dibromofluoromethane	5.47	113	503523	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
50) Toluene-d8	8.70	98	1859752	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.12	95	764136	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	523115	52.104	ug/l	99
3) Chloromethane	1.31	50	579241	45.304	ug/l	98
4) Vinyl Chloride	1.39	62	573478	48.848	ug/l	97
5) Bromomethane	1.62	94	232142	41.525	ug/l	97
6) Chloroethane	1.70	64	365690	50.224	ug/l	99
7) Trichlorofluoromethane	1.91	101	835576	53.071	ug/l	99
8) Diethyl Ether	2.17	74	328459	49.461	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	540101	52.622	ug/l	97
10) Methyl Iodide	2.49	142	615408	44.472	ug/l	99
11) Tert butyl alcohol	3.01	59	724450	188.315	ug/l	99
12) 1,1-Dichloroethene	2.35	96	525547	48.848	ug/l	91
13) Acrolein	2.27	56	744318	339.649	ug/l	99
14) Allyl chloride	2.70	41	1173580	46.684	ug/l	96
15) Acrylonitrile	3.11	53	1607225	219.071	ug/l	100
16) Acetone	2.42	43	1745842	252.835	ug/l	99
17) Carbon Disulfide	2.55	76	1497060	45.614	ug/l	99
18) Methyl Acetate	2.75	43	783549	44.460	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1974561	47.321	ug/l	99
20) Methylene Chloride	2.83	84	595127	46.142	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	571114	47.831	ug/l	96
22) Diisopropyl ether	3.83	45	2168694	48.685	ug/l	88
23) Vinyl Acetate	3.78	43	9511605	235.834	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1109767	47.317	ug/l	99
25) 2-Butanone	4.63	43	2508712	225.912	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1034763	53.750	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	661417	47.880	ug/l	97
28) Bromochloromethane	4.98	49	518897	46.338	ug/l	99
29) Tetrahydrofuran	5.09	42	1527646	213.986	ug/l	100
30) Chloroform	5.17	83	1095410	48.545	ug/l	94
31) Cyclohexane	5.55	56	1023619	50.310	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	1010584	49.487	ug/l	99
36) 1,1-Dichloropropene	5.76	75	833936	52.008	ug/l	98
37) Ethyl Acetate	4.79	43	947953	45.403	ug/l	100
38) Carbon Tetrachloride	5.75	117	905749	52.152	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1021873	55.271	ug/l	97
40) Benzene	6.11	78	2394839	50.986	ug/l	98
41) Methacrylonitrile	5.00	41	556729	48.035	ug/l	100
42) 1,2-Dichloroethane	6.16	62	964066	51.098	ug/l	99
43) Isopropyl Acetate	6.41	43	1659566	47.086	ug/l	100
44) Trichloroethene	7.18	130	657486	51.326	ug/l	99
45) 1,2-Dichloropropane	7.49	63	638185	49.667	ug/l	100
46) Dibromomethane	7.64	93	421871	50.051	ug/l	98
47) Bromodichloromethane	7.87	83	904748	50.375	ug/l	98
48) Methyl methacrylate	7.75	41	833732	47.359	ug/l	100
49) 1,4-Dioxane	7.72	88	287127	874.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4693713	234.989	ug/l	99
52) Toluene	8.76	92	1519352	52.466	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1040507	49.397	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1097552	51.151	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	607873	51.235	ug/l	98
56) Ethyl methacrylate	9.16	69	1027399	49.135	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1052492	49.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2715976	267.044	ug/l	100
59) 2-Hexanone	9.47	43	3670809	243.421	ug/l	100
60) Dibromochloromethane	9.56	129	739398	51.863	ug/l	100
61) 1,2-Dibromoethane	9.65	107	652151	50.552	ug/l	100
64) Tetrachloroethene	9.32	164	651494	54.614	ug/l	99
65) Chlorobenzene	10.12	112	1664749	52.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	650033	51.615	ug/l	99
67) Ethyl Benzene	10.24	91	2970169	53.124	ug/l	99
68) m/p-Xylenes	10.34	106	2235935	107.399	ug/l	99
69) o-Xylene	10.68	106	1077451	52.373	ug/l	99
70) Styrene	10.70	104	1914789	52.893	ug/l	99
71) Bromoform	10.84	173	573986	50.066	ug/l #	98
73) Isopropylbenzene	11.00	105	2945562	53.141	ug/l	99
74) N-amyl acetate	10.88	43	1471231	47.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	918698	48.303	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858163m	49.330	ug/l	
77) Bromobenzene	11.24	156	784828	53.083	ug/l	95
78) n-propylbenzene	11.34	91	3406224	53.742	ug/l	99
79) 2-Chlorotoluene	11.40	91	2018085	51.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2514027	53.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	342561	47.249	ug/l	96
82) 4-Chlorotoluene	11.49	91	2407599	52.866	ug/l	100
83) tert-Butylbenzene	11.76	119	2472829	53.479	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2568788	53.251	ug/l	100
85) sec-Butylbenzene	11.93	105	2950334	55.170	ug/l	100
86) p-Isopropyltoluene	12.05	119	2778101	55.959	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1411100	53.314	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1428703	52.993	ug/l	99
89) n-Butylbenzene	12.37	91	2504461	55.824	ug/l	100
90) Hexachloroethane	12.58	117	510645	52.846	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1358071	52.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	233667	43.528	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1138829	55.583	ug/l	99
94) Hexachlorobutadiene	13.77	225	537373	55.088	ug/l	95
95) Naphthalene	13.82	128	3211374	51.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1063147	53.895	ug/l	98

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

