

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015781.D
 Acq On : 20 Apr 2020 21:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:16:36 PM

Quant Time: Apr 21 08:54:35 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	5.64	168	978085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1512032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1380846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	742994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	628901	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	5.47	113	500538	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.70	98	1786422	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.12	95	737947	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	373578	43.353	ug/l	99
3) Chloromethane	1.31	50	360670	32.866	ug/l	100
4) Vinyl Chloride	1.39	62	496890	49.312	ug/l	100
5) Bromomethane	1.62	94	116877	20.370	ug/l	97
6) Chloroethane	1.70	64	336304	53.814	ug/l	98
7) Trichlorofluoromethane	1.91	101	688785	50.971	ug/l	100
8) Diethyl Ether	2.17	74	298406	52.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	452427	51.358	ug/l	96
10) Methyl Iodide	2.49	142	300045	25.262	ug/l	96
11) Tert butyl alcohol	3.01	59	736705	223.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	460952	49.918	ug/l	97
13) Acrolein	2.27	56	509574	270.922	ug/l	99
14) Allyl chloride	2.70	41	1017236	47.146	ug/l	99
15) Acrylonitrile	3.11	53	1657106	263.162	ug/l	99
16) Acetone	2.42	43	1446227	244.024	ug/l	98
17) Carbon Disulfide	2.55	76	1277578	45.353	ug/l	100
18) Methyl Acetate	2.75	43	841446	55.628	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1833842	51.205	ug/l	99
20) Methylene Chloride	2.83	84	550774	49.754	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	506150	49.389	ug/l	95
22) Diisopropyl ether	3.83	45	1972431	51.590	ug/l	93
23) Vinyl Acetate	3.78	43	8559643	247.271	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1005395	49.944	ug/l	99
25) 2-Butanone	4.64	43	2364264	248.056	ug/l	99
26) 2,2-Dichloropropane	4.56	77	744475	45.056	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	613692	51.760	ug/l	97
28) Bromochloromethane	4.98	49	430045	44.744	ug/l	94
29) Tetrahydrofuran	5.09	42	1538293	251.054	ug/l	99
30) Chloroform	5.18	83	987340	50.980	ug/l	96
31) Cyclohexane	5.55	56	831827	47.634	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	873824	49.855	ug/l	99
36) 1,1-Dichloropropene	5.77	75	715171	51.334	ug/l	98
37) Ethyl Acetate	4.80	43	911902	50.270	ug/l	99
38) Carbon Tetrachloride	5.76	117	766162	50.775	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	817459	50.890	ug/l	98
40) Benzene	6.12	78	2150563	52.697	ug/l	97
41) Methacrylonitrile	5.00	41	525935	52.228	ug/l	97
42) 1,2-Dichloroethane	6.17	62	828598	50.548	ug/l	99
43) Isopropyl Acetate	6.42	43	1567557	51.190	ug/l	98
44) Trichloroethene	7.19	130	612056	54.992	ug/l	91
45) 1,2-Dichloropropane	7.49	63	597096	53.484	ug/l	99
46) Dibromomethane	7.64	93	382834	52.276	ug/l	94
47) Bromodichloromethane	7.88	83	818201	52.434	ug/l	98
48) Methyl methacrylate	7.75	41	783273	51.209	ug/l	96
49) 1,4-Dioxane	7.72	88	271016	949.810	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4640835	267.417	ug/l	99
52) Toluene	8.76	92	1378139	54.774	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	908586	49.646	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	960078	51.499	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	580735	56.337	ug/l	98
56) Ethyl methacrylate	9.16	69	967541	53.258	ug/l	96
57) 1,3-Dichloropropane	9.36	76	972534	52.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1736268	196.488	ug/l	99
59) 2-Hexanone	9.48	43	3496622	266.875	ug/l	97
60) Dibromochloromethane	9.56	129	659641	53.254	ug/l	98
61) 1,2-Dibromoethane	9.65	107	598998	53.441	ug/l	98
64) Tetrachloroethene	9.32	164	521930	50.085	ug/l	97
65) Chlorobenzene	10.12	112	1501507	54.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	603928	54.894	ug/l	99
67) Ethyl Benzene	10.24	91	2659289	54.447	ug/l	100
68) m/p-Xylenes	10.34	106	1990328	109.437	ug/l	97
69) o-Xylene	10.68	106	980114	54.536	ug/l	99
70) Styrene	10.70	104	1732162	54.773	ug/l	98
71) Bromoform	10.84	173	514942	51.416	ug/l #	98
73) Isopropylbenzene	11.00	105	2599165	53.390	ug/l	98
74) N-amyl acetate	10.88	43	1328945	49.081	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	902436	54.023	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	798324m	52.249	ug/l	
77) Bromobenzene	11.24	156	718269	55.313	ug/l	94
78) n-propylbenzene	11.34	91	2933804	52.703	ug/l	99
79) 2-Chlorotoluene	11.40	91	1775420	52.035	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	2215781	53.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	290281	45.586	ug/l	98
82) 4-Chlorotoluene	11.50	91	2092712	52.319	ug/l	98
83) tert-Butylbenzene	11.76	119	2257680	55.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2252531	53.166	ug/l	98
85) sec-Butylbenzene	11.93	105	2536682	54.008	ug/l	99
86) p-Isopropyltoluene	12.05	119	2393985	54.904	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1297569	55.818	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1273502	53.782	ug/l	100
89) n-Butylbenzene	12.37	91	2084841	52.911	ug/l	99
90) Hexachloroethane	12.58	117	424909	50.067	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1252759	55.067	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	217560	46.144	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1002930	55.734	ug/l	96
94) Hexachlorobutadiene	13.76	225	421753	49.227	ug/l	99
95) Naphthalene	13.82	128	3042413	55.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	985435	56.878	ug/l	98

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

