

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007480.D
 Acq On : 11 Feb 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:16:03 PM

Quant Time: Feb 12 02:23:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	495348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	675296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	258200	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	241073	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	865824	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	313581	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259476	42.654	ug/l	99
3) Chloromethane	1.33	50	221560	39.711	ug/l	99
4) Vinyl Chloride	1.41	62	252904	46.205	ug/l	99
5) Bromomethane	1.64	94	122118	22.292	ug/l	94
6) Chloroethane	1.72	64	203605	57.502	ug/l	97
7) Trichlorofluoromethane	1.93	101	393112	45.911	ug/l	99
8) Diethyl Ether	2.19	74	151218	46.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	218292	42.859	ug/l	99
10) Methyl Iodide	2.51	142	114167	15.238	ug/l	98
11) Tert butyl alcohol	3.07	59	292886	269.175	ug/l	99
12) 1,1-Dichloroethene	2.37	96	215160	45.493	ug/l	96
13) Acrolein	2.30	56	94988	186.166	ug/l	99
14) Allyl chloride	2.73	41	374890	48.647	ug/l	98
15) Acrylonitrile	3.15	53	666822	247.732	ug/l	100
16) Acetone	2.45	43	579742	240.715	ug/l	100
17) Carbon Disulfide	2.57	76	560880	45.548	ug/l	99
18) Methyl Acetate	2.78	43	354292	56.383	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	734966	47.967	ug/l	99
20) Methylene Chloride	2.86	84	235253	47.804	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	225338	44.726	ug/l	98
22) Diisopropyl ether	3.87	45	687982	48.534	ug/l	95
23) Vinyl Acetate	3.82	43	2907043	247.137	ug/l	99
24) 1,1-Dichloroethane	3.70	63	386133	47.434	ug/l	100
25) 2-Butanone	4.70	43	882120	257.367	ug/l	100
26) 2,2-Dichloropropane	4.59	77	270955	43.707	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	256130	46.544	ug/l	98
28) Bromochloromethane	5.02	49	174409	46.590	ug/l	99
29) Tetrahydrofuran	5.15	42	567231	263.137	ug/l	99
30) Chloroform	5.21	83	404929	47.670	ug/l	98
31) Cyclohexane	5.58	56	321396	43.959	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	354866	49.492	ug/l	99
36) 1,1-Dichloropropene	5.80	75	287725	43.046	ug/l	99
37) Ethyl Acetate	4.85	43	328433	48.607	ug/l	99
38) Carbon Tetrachloride	5.78	117	312257	48.153	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339839	42.022	ug/l	99
40) Benzene	6.14	78	891203	45.263	ug/l	99
41) Methacrylonitrile	5.06	41	181628	50.155	ug/l	99
42) 1,2-Dichloroethane	6.20	62	304240	44.659	ug/l	98
43) Isopropyl Acetate	6.46	43	521575	50.010	ug/l	99
44) Trichloroethene	7.21	130	258519	43.595	ug/l	100
45) 1,2-Dichloropropane	7.52	63	228458	46.309	ug/l	98
46) Dibromomethane	7.66	93	159338	44.439	ug/l	98
47) Bromodichloromethane	7.90	83	298561	49.132	ug/l	98
48) Methyl methacrylate	7.77	41	268579	51.484	ug/l	99
49) 1,4-Dioxane	7.75	88	127253	1072.117	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1719585	250.461	ug/l	100
52) Toluene	8.79	92	576400	45.373	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	326214	49.977	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	353958	49.311	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	248474	46.923	ug/l	98
56) Ethyl methacrylate	9.18	69	362138	49.377	ug/l	99
57) 1,3-Dichloropropane	9.37	76	392106	46.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	945047	244.470	ug/l	99
59) 2-Hexanone	9.49	43	1303266	243.936	ug/l	99
60) Dibromochloromethane	9.58	129	264566	52.827	ug/l	98
61) 1,2-Dibromoethane	9.67	107	267184	47.645	ug/l	100
64) Tetrachloroethene	9.34	164	243788	38.302	ug/l	96
65) Chlorobenzene	10.14	112	669826	45.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	245846	49.760	ug/l	98
67) Ethyl Benzene	10.25	91	1098659	46.296	ug/l	98
68) m/p-Xylenes	10.36	106	868415	92.058	ug/l	100
69) o-Xylene	10.70	106	427254	47.069	ug/l	99
70) Styrene	10.71	104	699557	47.520	ug/l	99
71) Bromoform	10.86	173	202535	47.002	ug/l	99
73) Isopropylbenzene	11.02	105	1127178	47.854	ug/l	98
74) N-amyl acetate	10.90	43	466481	51.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	364633	50.795	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	341014m	50.580	ug/l	
77) Bromobenzene	11.26	156	308182	46.437	ug/l	98
78) n-propylbenzene	11.36	91	1256855	48.661	ug/l	99
79) 2-Chlorotoluene	11.42	91	737978	47.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	916518	47.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99516	45.993	ug/l	94
82) 4-Chlorotoluene	11.51	91	849570	46.848	ug/l	100
83) tert-Butylbenzene	11.77	119	960817	50.360	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	949217	48.519	ug/l	100
85) sec-Butylbenzene	11.94	105	1126644	48.791	ug/l	100
86) p-Isopropyltoluene	12.06	119	992936	47.635	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	537641	45.140	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	538473	44.562	ug/l	99
89) n-Butylbenzene	12.38	91	840624	46.880	ug/l	100
90) Hexachloroethane	12.60	117	166697	53.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	538555	45.435	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79830	53.483	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	368473	46.096	ug/l	99
94) Hexachlorobutadiene	13.78	225	174563	44.973	ug/l	99
95) Naphthalene	13.83	128	1171557	50.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	375965	46.725	ug/l	99

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

