

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007193.D
 Acq On : 22 Jan 2019 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:46 AM

Quant Time: Jan 23 02:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	468961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	635970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	338713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	233080	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	217958	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	791541	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	292508	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	184723	47.966	ug/l	99
3) Chloromethane	1.33	50	213395	47.599	ug/l	100
4) Vinyl Chloride	1.41	62	229190	47.525	ug/l	99
5) Bromomethane	1.64	94	238614	46.311	ug/l	99
6) Chloroethane	1.71	64	154841	45.983	ug/l	97
7) Trichlorofluoromethane	1.93	101	375512	48.191	ug/l	97
8) Diethyl Ether	2.19	74	148507	47.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221063	47.387	ug/l	99
10) Methyl Iodide	2.51	142	336923	53.541	ug/l	100
11) Tert butyl alcohol	3.07	59	289210	250.155	ug/l	98
12) 1,1-Dichloroethene	2.37	96	205603	47.702	ug/l	100
13) Acrolein	2.29	56	160957	321.908	ug/l	97
14) Allyl chloride	2.73	41	361554	48.946	ug/l	99
15) Acrylonitrile	3.15	53	680086	256.245	ug/l	100
16) Acetone	2.45	43	583033	240.633	ug/l	100
17) Carbon Disulfide	2.57	76	452846	40.809	ug/l	99
18) Methyl Acetate	2.78	43	369285	52.630	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	744939	49.796	ug/l	98
20) Methylene Chloride	2.86	84	238919	51.865	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	218620	45.516	ug/l	96
22) Diisopropyl ether	3.87	45	683181	49.196	ug/l	98
23) Vinyl Acetate	3.82	43	2826934	241.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	375440	48.350	ug/l	99
25) 2-Butanone	4.70	43	869684	250.858	ug/l	98
26) 2,2-Dichloropropane	4.59	77	263451	44.121	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	248830	46.967	ug/l	99
28) Bromochloromethane	5.02	49	169385	49.788	ug/l	95
29) Tetrahydrofuran	5.15	42	556330	246.926	ug/l	97
30) Chloroform	5.22	83	403827	49.671	ug/l	100
31) Cyclohexane	5.57	56	312508	45.217	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342231	49.663	ug/l	99
36) 1,1-Dichloropropene	5.80	75	282447	47.777	ug/l	100
37) Ethyl Acetate	4.85	43	322551	50.892	ug/l	98
38) Carbon Tetrachloride	5.78	117	295073	49.609	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	343111	45.526	ug/l	98
40) Benzene	6.14	78	882890	48.944	ug/l	99
41) Methacrylonitrile	5.06	41	179053	49.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	305984	49.087	ug/l	99
43) Isopropyl Acetate	6.46	43	512323	51.246	ug/l	99
44) Trichloroethene	7.21	130	258811	47.879	ug/l	98
45) 1,2-Dichloropropane	7.51	63	230807	50.895	ug/l	96
46) Dibromomethane	7.66	93	163562	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	290260	53.503	ug/l	96
48) Methyl methacrylate	7.77	41	267523	52.108	ug/l	97
49) 1,4-Dioxane	7.75	88	123383	1052.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1760417	274.000	ug/l	99
52) Toluene	8.79	92	578795	49.922	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	321082	53.374	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	350502	52.759	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	251120	54.113	ug/l	98
56) Ethyl methacrylate	9.18	69	371120	54.780	ug/l	96
57) 1,3-Dichloropropane	9.37	76	399682	52.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	899469	258.223	ug/l	99
59) 2-Hexanone	9.49	43	1320720	269.748	ug/l	99
60) Dibromochloromethane	9.59	129	256146	56.842	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269004	52.654	ug/l	99
64) Tetrachloroethene	9.34	164	263019	47.769	ug/l	98
65) Chlorobenzene	10.14	112	687633	49.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247496	53.041	ug/l	99
67) Ethyl Benzene	10.25	91	1122556	49.022	ug/l	100
68) m/p-Xylenes	10.36	106	892019	98.873	ug/l	99
69) o-Xylene	10.70	106	436542	49.615	ug/l	96
70) Styrene	10.71	104	725516	52.064	ug/l	99
71) Bromoform	10.86	173	199441	47.985	ug/l #	99
73) Isopropylbenzene	11.02	105	1171366	49.044	ug/l	99
74) N-amyl acetate	10.90	43	475247	49.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	372576	49.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	348014m	50.702	ug/l	
77) Bromobenzene	11.26	156	318847	48.450	ug/l	99
78) n-propylbenzene	11.36	91	1309402	49.940	ug/l	99
79) 2-Chlorotoluene	11.42	91	768282	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	973293	48.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99075	44.048	ug/l	96
82) 4-Chlorotoluene	11.51	91	899164	49.204	ug/l	100
83) tert-Butylbenzene	11.77	119	991315	49.786	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	992256	49.444	ug/l	99
85) sec-Butylbenzene	11.94	105	1186599	49.899	ug/l	100
86) p-Isopropyltoluene	12.07	119	1057619	49.723	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	572644	48.142	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	572075	50.758	ug/l	99
89) n-Butylbenzene	12.39	91	897564	49.501	ug/l	99
90) Hexachloroethane	12.60	117	165990	48.948	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	568149	48.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77281	51.534	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	395077	49.056	ug/l	99
94) Hexachlorobutadiene	13.78	225	182070	50.945	ug/l	98
95) Naphthalene	13.83	128	1229371	50.376	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	394935	49.365	ug/l	99

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

