

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005599.D
 Acq On : 26 Oct 2018 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:08 PM

Quant Time: Oct 27 05:09:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122090	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	97673	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	375763	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	142800	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129834	60.902	ug/l	99
3) Chloromethane	1.32	50	136682	50.345	ug/l	100
4) Vinyl Chloride	1.40	62	133367	49.959	ug/l	99
5) Bromomethane	1.64	94	82611	49.732	ug/l	98
6) Chloroethane	1.71	64	78149	45.825	ug/l	100
7) Trichlorofluoromethane	1.92	101	184963	49.864	ug/l	95
8) Diethyl Ether	2.19	74	68860	46.517	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104110	48.918	ug/l	98
10) Methyl Iodide	2.51	142	125233	55.996	ug/l	99
11) Tert butyl alcohol	3.08	59	167542	236.150	ug/l	100
12) 1,1-Dichloroethene	2.37	96	96389	47.542	ug/l	94
13) Acrolein	2.29	56	75917	209.769	ug/l	100
14) Allyl chloride	2.72	41	214307	47.362	ug/l	99
15) Acrylonitrile	3.15	53	363725	228.627	ug/l	99
16) Acetone	2.45	43	349985	251.216	ug/l	98
17) Carbon Disulfide	2.56	76	292753	47.369	ug/l	100
18) Methyl Acetate	2.78	43	171205	49.737	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	339185	46.900	ug/l	99
20) Methylene Chloride	2.85	84	108846	46.649	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	102455	46.283	ug/l	96
22) Diisopropyl ether	3.87	45	372415	47.131	ug/l #	93
23) Vinyl Acetate	3.82	43	1720702	247.260	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203161	47.291	ug/l	100
25) 2-Butanone	4.70	43	492614	232.200	ug/l	99
26) 2,2-Dichloropropane	4.58	77	150134	45.266	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	105538	44.223	ug/l	99
28) Bromochloromethane	5.02	49	93313	44.909	ug/l	98
29) Tetrahydrofuran	5.15	42	317343	229.854	ug/l	100
30) Chloroform	5.21	83	186701	46.460	ug/l	98
31) Cyclohexane	5.57	56	172211	48.449	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	164805	46.466	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140761	48.178	ug/l	99
37) Ethyl Acetate	4.85	43	176420	47.319	ug/l	100
38) Carbon Tetrachloride	5.78	117	147921	48.070	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170219	52.761	ug/l	98
40) Benzene	6.14	78	409798	48.929	ug/l	99
41) Methacrylonitrile	5.06	41	96970	46.692	ug/l	99
42) 1,2-Dichloroethane	6.20	62	152027	47.782	ug/l	100
43) Isopropyl Acetate	6.46	43	261444	46.796	ug/l	99
44) Trichloroethene	7.21	130	112259	49.201	ug/l	98
45) 1,2-Dichloropropane	7.51	63	110018	48.860	ug/l	99
46) Dibromomethane	7.66	93	71886	49.430	ug/l	99
47) Bromodichloromethane	7.90	83	141012	49.958	ug/l	96
48) Methyl methacrylate	7.77	41	140382	51.578	ug/l	99
49) 1,4-Dioxane	7.75	88	60487	1016.947	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	952505	253.680	ug/l	100
52) Toluene	8.79	92	262104	51.493	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157361	51.584	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171327	52.165	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106821	49.776	ug/l	99
56) Ethyl methacrylate	9.18	69	165943	51.841	ug/l	100
57) 1,3-Dichloropropane	9.37	76	180248	49.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455872	254.995	ug/l	100
59) 2-Hexanone	9.50	43	769704	259.997	ug/l	100
60) Dibromochloromethane	9.59	129	115444	51.560	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112160	50.519	ug/l	100
64) Tetrachloroethene	9.34	164	120157	50.977	ug/l	99
65) Chlorobenzene	10.14	112	297188	49.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108475	49.203	ug/l	99
67) Ethyl Benzene	10.25	91	511056	51.373	ug/l	100
68) m/p-Xylenes	10.36	106	399813	103.592	ug/l	99
69) o-Xylene	10.70	106	188244	51.842	ug/l	100
70) Styrene	10.71	104	323243	53.178	ug/l	100
71) Bromoform	10.86	173	97314	49.465	ug/l	99
73) Isopropylbenzene	11.02	105	523240	51.016	ug/l	99
74) N-amyl acetate	10.90	43	248245	48.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177021	46.782	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171517m	48.247	ug/l	
77) Bromobenzene	11.26	156	139528	48.814	ug/l	98
78) n-propylbenzene	11.36	91	618772	52.761	ug/l	99
79) 2-Chlorotoluene	11.42	91	363194	49.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	456996	52.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54338	49.944	ug/l	98
82) 4-Chlorotoluene	11.51	91	435915	50.839	ug/l	100
83) tert-Butylbenzene	11.77	119	442819	50.632	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	471519	53.026	ug/l	100
85) sec-Butylbenzene	11.94	105	541120	51.851	ug/l	99
86) p-Isopropyltoluene	12.07	119	497397	53.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264778	49.260	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	271882	48.458	ug/l	99
89) n-Butylbenzene	12.39	91	446208	52.980	ug/l	100
90) Hexachloroethane	12.60	117	80287	49.898	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	263850	48.518	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43355	47.387	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	203237	51.555	ug/l	99
94) Hexachlorobutadiene	13.79	225	101697	49.781	ug/l	99
95) Naphthalene	13.83	128	599172	52.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202560	50.690	ug/l	100

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

