

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002522.D
 Acq On : 13 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:25 AM

Quant Time: Jun 14 03:29:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130791	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	100077	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	
50) Toluene-d8	8.72	98	363142	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
62) 4-Bromofluorobenzene	11.14	95	142826	42.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57454	31.088	ug/l	100
3) Chloromethane	1.32	50	97641	45.873	ug/l	99
4) Vinyl Chloride	1.41	62	99291	42.629	ug/l	100
5) Bromomethane	1.64	94	66507	50.489	ug/l	100
6) Chloroethane	1.71	64	74372	49.362	ug/l	99
7) Trichlorofluoromethane	1.93	101	152838	43.068	ug/l	98
8) Diethyl Ether	2.19	74	78268	62.669	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78471	40.975	ug/l	99
10) Methyl Iodide	2.51	142	122154	45.349	ug/l	98
11) Tert butyl alcohol	3.09	59	161982	316.122	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87252	46.102	ug/l	99
13) Acrolein	2.30	56	50890	199.638	ug/l	99
14) Allyl chloride	2.73	41	202226	49.236	ug/l	99
15) Acrylonitrile	3.15	53	361934	337.913	ug/l	100
16) Acetone	2.45	43	336849	312.905	ug/l	100
17) Carbon Disulfide	2.57	76	179651	36.015	ug/l	98
18) Methyl Acetate	2.78	43	177202	70.692	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	422832	64.868	ug/l	100
20) Methylene Chloride	2.86	84	122410	61.533	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	101911	48.829	ug/l	99
22) Diisopropyl ether	3.88	45	373100	54.509	ug/l	98
23) Vinyl Acetate	3.83	43	1661786	249.582	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182021	44.839	ug/l	100
25) 2-Butanone	4.71	43	450854	258.645	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123411	38.892	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	109601	48.287	ug/l	95
28) Bromochloromethane	5.03	49	102101	59.839	ug/l	99
29) Tetrahydrofuran	5.17	42	292668	260.411	ug/l	98
30) Chloroform	5.22	83	202504	51.697	ug/l	98
31) Cyclohexane	5.58	56	110014	34.272	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	153790	46.294	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118237	38.470	ug/l	99
37) Ethyl Acetate	4.87	43	180354	48.794	ug/l	99
38) Carbon Tetrachloride	5.79	117	124140	38.609	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105281	27.843	ug/l	97
40) Benzene	6.15	78	414932	44.030	ug/l	100
41) Methacrylonitrile	5.07	41	101117	47.789	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176240	47.070	ug/l	99
43) Isopropyl Acetate	6.47	43	294679	46.938	ug/l	100
44) Trichloroethene	7.21	130	111154	42.498	ug/l	96
45) 1,2-Dichloropropane	7.52	63	116377	45.743	ug/l	99
46) Dibromomethane	7.67	93	81889	47.481	ug/l	98
47) Bromodichloromethane	7.90	83	149126	47.809	ug/l	98
48) Methyl methacrylate	7.78	41	152926	48.493	ug/l	98
49) 1,4-Dioxane	7.76	88	56859	964.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	996993	255.008	ug/l	100
52) Toluene	8.79	92	269867	45.025	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	171336	45.804	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	161342	45.718	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	123112	49.941	ug/l	98
56) Ethyl methacrylate	9.18	69	190724	48.460	ug/l	99
57) 1,3-Dichloropropane	9.38	76	201288	48.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	460438	252.766	ug/l	99
59) 2-Hexanone	9.50	43	758321	251.113	ug/l	99
60) Dibromochloromethane	9.59	129	123706	49.890	ug/l	100
61) 1,2-Dibromoethane	9.68	107	129309	50.307	ug/l	100
64) Tetrachloroethene	9.34	164	118050	38.328	ug/l	96
65) Chlorobenzene	10.14	112	322720	43.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	121106	45.009	ug/l	99
67) Ethyl Benzene	10.26	91	529074	42.544	ug/l	99
68) m/p-Xylenes	10.37	106	411838	85.193	ug/l	99
69) o-Xylene	10.70	106	208574	43.356	ug/l	100
70) Styrene	10.72	104	358811	45.624	ug/l	99
71) Bromoform	10.86	173	95842	40.480	ug/l	99
73) Isopropylbenzene	11.02	105	536901	39.751	ug/l	100
74) N-amyl acetate	6.47	43	294679	40.491	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190989	44.960	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	190465m	44.707	ug/l	
77) Bromobenzene	11.26	156	160694	42.379	ug/l	99
78) n-propylbenzene	11.37	91	610061	40.638	ug/l	100
79) 2-Chlorotoluene	11.43	91	382328	40.334	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464622	40.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	47743	39.283	ug/l	94
82) 4-Chlorotoluene	11.51	91	452730	41.378	ug/l	100
83) tert-Butylbenzene	11.77	119	451647	40.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	491277	41.196	ug/l	98
85) sec-Butylbenzene	11.95	105	521739	39.450	ug/l	99
86) p-Isopropyltoluene	12.07	119	486365	40.374	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	287047	42.338	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294814	42.187	ug/l	99
89) n-Butylbenzene	12.39	91	409226	40.505	ug/l	100
90) Hexachloroethane	12.60	117	74302	38.639	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	301910	43.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42749	46.019	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210573	42.811	ug/l	99
94) Hexachlorobutadiene	13.79	225	92787	38.175	ug/l	99
95) Naphthalene	13.84	128	655442	46.379	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	221267	44.110	ug/l	100

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

