

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002237.D
 Acq On : 02 Jun 2018 14:09
 Operator : JC/MD
 Sample : VX0602WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:50 PM

Quant Time: Jun 04 05:36:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174094	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	130366	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	
50) Toluene-d8	8.72	98	507826	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	193251	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41393	13.86	ug/l	98
3) Chloromethane	1.32	50	56699	17.07	ug/l	98
4) Vinyl Chloride	1.40	62	59849	18.67	ug/l	99
5) Bromomethane	1.64	94	40381	26.92	ug/l	99
6) Chloroethane	1.72	64	40722	21.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	101209	21.02	ug/l	99
8) Diethyl Ether	2.19	74	41478	23.74	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58704	21.85	ug/l	97
10) Methyl Iodide	2.51	142	63610	17.50	ug/l	99
11) Tert butyl alcohol	3.07	59	94763	125.14	ug/l	97
12) 1,1-Dichloroethene	2.37	96	52487	20.86	ug/l	99
13) Acrolein	2.29	56	23674	72.31	ug/l	98
14) Allyl chloride	2.73	41	112906	21.38	ug/l	95
15) Acrylonitrile	3.15	53	182217	117.01	ug/l	100
16) Acetone	2.45	43	192127	129.04	ug/l	98
17) Carbon Disulfide	2.57	76	111706	15.43	ug/l	100
18) Methyl Acetate	2.78	43	91931	25.06	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	218038	23.04	ug/l	99
20) Methylene Chloride	2.86	84	65475	24.55	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	57868	22.77	ug/l	98
22) Diisopropyl ether	3.87	45	207138	19.29	ug/l	96
23) Vinyl Acetate	3.82	43	905074	101.63	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120140	23.55	ug/l	100
25) 2-Butanone	4.71	43	251267	92.08	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85265	16.51	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61073	18.62	ug/l	99
28) Bromochloromethane	5.03	49	52351	23.33	ug/l	100
29) Tetrahydrofuran	5.17	42	156885	88.37	ug/l	99
30) Chloroform	5.22	83	109119	18.98	ug/l	100
31) Cyclohexane	5.57	56	88409	16.63	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	90878	16.96	ug/l	98
36) 1,1-Dichloropropene	5.80	75	76300	18.37	ug/l	99
37) Ethyl Acetate	4.86	43	94027	17.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	77177	15.93	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91208	17.87	ug/l	97
40) Benzene	6.15	78	235374	19.34	ug/l	99
41) Methacrylonitrile	5.07	41	54802	18.31	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95506	19.64	ug/l	99
43) Isopropyl Acetate	6.47	43	157520	17.45	ug/l	100
44) Trichloroethene	7.22	130	66345	18.71	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64037	19.37	ug/l	99
46) Dibromomethane	7.67	93	42244	19.30	ug/l	99
47) Bromodichloromethane	7.90	83	75753	16.23	ug/l	98
48) Methyl methacrylate	7.78	41	80095	17.44	ug/l	96
49) 1,4-Dioxane	7.76	88	31344	387.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	518035	95.22	ug/l	99
52) Toluene	8.79	92	152472	19.68	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	93075	17.32	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	84527	16.14	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64191	19.84	ug/l	97
56) Ethyl methacrylate	9.18	69	98065	17.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	105938	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	211245	85.63	ug/l	99
59) 2-Hexanone	9.50	43	401258	95.66	ug/l	99
60) Dibromochloromethane	9.59	129	59440	15.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65606	19.32	ug/l	99
64) Tetrachloroethene	9.34	164	76876	18.99	ug/l	99
65) Chlorobenzene	10.14	112	178071	19.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	61296	16.97	ug/l	99
67) Ethyl Benzene	10.26	91	300473	19.33	ug/l	100
68) m/p-Xylenes	10.36	106	232888	39.19	ug/l	98
69) o-Xylene	10.70	106	114164	19.24	ug/l	100
70) Styrene	10.71	104	187594	19.06	ug/l	100
71) Bromoform	10.86	173	43996	12.84	ug/l #	99
73) Isopropylbenzene	11.02	105	309385	19.01	ug/l	99
74) N-amyl acetate	6.47	43	157520	16.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91138	19.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94050m	20.37	ug/l	
77) Bromobenzene	11.26	156	84083	19.47	ug/l	95
78) n-propylbenzene	11.37	91	350972	19.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	212557	19.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	262740	18.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23204	12.08	ug/l #	83
82) 4-Chlorotoluene	11.51	91	249799	19.43	ug/l	100
83) tert-Butylbenzene	11.77	119	254018	18.61	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	273272	19.01	ug/l	99
85) sec-Butylbenzene	11.95	105	317207	19.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	285080	19.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	153032	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153416	19.84	ug/l	99
89) n-Butylbenzene	12.39	91	241175	19.38	ug/l	99
90) Hexachloroethane	12.60	117	38926	13.44	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	156237	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19823	13.70	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	112154	19.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	58567	19.32	ug/l	99
95) Naphthalene	13.84	128	321651	18.53	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115543	19.82	ug/l	99

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

