

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003143.D
 Acq On : 03 Jul 2018 12:31
 Operator : JC/MD
 Sample : VX0703WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:41 PM

Quant Time: Jul 04 03:46:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170092	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	5.51	113	141591	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.72	98	504732	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	190118	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52072	21.618	ug/l	98
3) Chloromethane	1.32	50	53018	20.666	ug/l	100
4) Vinyl Chloride	1.40	62	59937	19.799	ug/l	96
5) Bromomethane	1.64	94	24981	15.819	ug/l	96
6) Chloroethane	1.72	64	39870	21.229	ug/l	98
7) Trichlorofluoromethane	1.93	101	95921	18.785	ug/l	99
8) Diethyl Ether	2.19	74	35126	18.922	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56780	19.190	ug/l	97
10) Methyl Iodide	2.51	142	39372	17.713	ug/l	98
11) Tert butyl alcohol	3.08	59	67608	91.728	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50252	19.036	ug/l	93
13) Acrolein	2.29	56	21334	55.556	ug/l	98
14) Allyl chloride	2.73	41	97262	18.690	ug/l	96
15) Acrylonitrile	3.15	53	153131	97.270	ug/l	100
16) Acetone	2.45	43	136365	88.998	ug/l	96
17) Carbon Disulfide	2.57	76	134964	19.188	ug/l	99
18) Methyl Acetate	2.78	43	72574	16.941	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	175167	18.457	ug/l	100
20) Methylene Chloride	2.85	84	56924	19.091	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	55227	19.207	ug/l	93
22) Diisopropyl ether	3.88	45	184220	18.520	ug/l	97
23) Vinyl Acetate	3.83	43	811826	96.382	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100199	18.533	ug/l	99
25) 2-Butanone	4.71	43	222388	97.797	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80397	18.287	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63019	19.548	ug/l	98
28) Bromochloromethane	5.02	49	46791	18.081	ug/l	92
29) Tetrahydrofuran	5.17	42	144334	98.978	ug/l	97
30) Chloroform	5.22	83	107657	19.403	ug/l	97
31) Cyclohexane	5.57	56	91439	19.707	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	93997	19.255	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78012	20.128	ug/l	97
37) Ethyl Acetate	4.87	43	87431	20.951	ug/l	99
38) Carbon Tetrachloride	5.78	117	84978	19.979	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91396	20.245	ug/l	95
40) Benzene	6.15	78	231368	20.545	ug/l	97
41) Methacrylonitrile	5.07	41	49256	20.497	ug/l	97
42) 1,2-Dichloroethane	6.20	62	87348	19.201	ug/l	99
43) Isopropyl Acetate	6.47	43	137299	19.617	ug/l	97
44) Trichloroethene	7.22	130	68803	20.492	ug/l	96
45) 1,2-Dichloropropane	7.52	63	60328	20.195	ug/l	98
46) Dibromomethane	7.66	93	41442	19.990	ug/l	96
47) Bromodichloromethane	7.90	83	76038	19.840	ug/l	96
48) Methyl methacrylate	7.78	41	69290	19.214	ug/l	95
49) 1,4-Dioxane	7.76	88	28169	401.490	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	440215	100.532	ug/l	97
52) Toluene	8.79	92	147934	20.506	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88184	20.317	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	80275	19.221	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61239	20.657	ug/l	99
56) Ethyl methacrylate	9.19	69	87221	20.131	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97284	19.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210424	100.671	ug/l	97
59) 2-Hexanone	9.50	43	336880	101.227	ug/l	97
60) Dibromochloromethane	9.59	129	62960	20.175	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63957	20.568	ug/l	100
64) Tetrachloroethene	9.34	164	77944	21.253	ug/l	97
65) Chlorobenzene	10.14	112	170269	20.325	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62751	20.620	ug/l	100
67) Ethyl Benzene	10.26	91	282631	20.423	ug/l	99
68) m/p-Xylenes	10.36	106	220626	41.366	ug/l	99
69) o-Xylene	10.70	106	105717	20.357	ug/l	98
70) Styrene	10.71	104	176383	20.902	ug/l	99
71) Bromoform	10.86	173	48475	20.157	ug/l #	99
73) Isopropylbenzene	11.02	105	290981	20.766	ug/l	99
74) N-amyl acetate	6.47	43	137299	20.026	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89083	20.638	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76218m	20.201	ug/l	
77) Bromobenzene	11.26	156	81076	20.318	ug/l	96
78) n-propylbenzene	11.37	91	328746	20.611	ug/l	99
79) 2-Chlorotoluene	11.43	91	195862	20.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241787	20.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21418	18.725	ug/l	93
82) 4-Chlorotoluene	11.51	91	230014	20.120	ug/l	98
83) tert-Butylbenzene	11.77	119	236436	20.328	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249899	20.436	ug/l	97
85) sec-Butylbenzene	11.95	105	284818	20.185	ug/l	99
86) p-Isopropyltoluene	12.07	119	258160	20.350	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148969	20.440	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149679	19.957	ug/l	100
89) n-Butylbenzene	12.39	91	212797	19.272	ug/l	99
90) Hexachloroethane	12.60	117	38026	20.153	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	146907	19.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19439	20.033	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105838	19.770	ug/l	99
94) Hexachlorobutadiene	13.79	225	51950	19.456	ug/l	100
95) Naphthalene	13.84	128	291501	20.444	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110461	20.658	ug/l	99

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

