

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003144.D
 Acq On : 03 Jul 2018 13:11
 Operator : JC/MD
 Sample : J3754-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:53 PM

Quant Time: Jul 04 03:48:16 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	280963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185477	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.51	113	154818	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.72	98	550231	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	213067	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	139004	55.445	ug/l	99
3) Chloromethane	1.32	50	139919	53.811	ug/l	99
4) Vinyl Chloride	1.40	62	165051	51.945	ug/l	100
5) Bromomethane	1.64	94	55183	36.469	ug/l	100
6) Chloroethane	1.72	64	100184	53.907	ug/l	99
7) Trichlorofluoromethane	1.93	101	251632	46.949	ug/l	99
8) Diethyl Ether	2.19	74	94960	48.735	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145116	46.727	ug/l	97
10) Methyl Iodide	2.51	142	127028	41.537	ug/l	97
11) Tert butyl alcohol	3.08	59	197446	255.223	ug/l	98
12) 1,1-Dichloroethene	2.37	96	136232	49.165	ug/l	93
13) Acrolein	2.29	56	54925	130.125	ug/l	97
14) Allyl chloride	2.73	41	235841	43.178	ug/l	95
15) Acrylonitrile	3.15	53	408423	247.167	ug/l	100
16) Acetone	2.45	43	373549	232.269	ug/l	96
17) Carbon Disulfide	2.57	76	384146	52.032	ug/l	99
18) Methyl Acetate	2.78	43	143783	31.977	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	472317	47.414	ug/l	100
20) Methylene Chloride	2.86	84	150399	48.056	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	148312	49.142	ug/l	92
22) Diisopropyl ether	3.88	45	489973	46.928	ug/l	96
23) Vinyl Acetate	3.83	43	1599858	180.959	ug/l	98
24) 1,1-Dichloroethane	3.70	63	270705	47.703	ug/l	100
25) 2-Butanone	4.72	43	599122	251.013	ug/l	97
26) 2,2-Dichloropropane	4.59	77	73676	15.966	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	170108	50.271	ug/l	85
28) Bromochloromethane	5.03	49	125719	46.284	ug/l	91
29) Tetrahydrofuran	5.17	42	387491	253.163	ug/l	95
30) Chloroform	5.22	83	290316	49.849	ug/l	95
31) Cyclohexane	5.57	56	309423	63.534	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	258046	50.360	ug/l	98
36) 1,1-Dichloropropene	5.80	75	216053	50.213	ug/l	98
37) Ethyl Acetate	4.87	43	181394	39.154	ug/l	99
38) Carbon Tetrachloride	5.78	117	236383	50.063	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	313763	62.605	ug/l	96
40) Benzene	6.15	78	8357597	668.512	ug/l	99
41) Methacrylonitrile	5.07	41	133011	49.859	ug/l	97
42) 1,2-Dichloroethane	6.20	62	227561	45.061	ug/l	97
43) Isopropyl Acetate	6.48	43	326135	41.975	ug/l	98
44) Trichloroethene	7.21	130	188758	50.641	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160177	48.300	ug/l	100
46) Dibromomethane	7.67	93	113524	49.327	ug/l	95
47) Bromodichloromethane	7.90	83	215098	50.556	ug/l	99
48) Methyl methacrylate	7.79	41	197693	49.381	ug/l	94
49) 1,4-Dioxane	7.76	88	70862	909.780	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1216842	250.318	ug/l	97
52) Toluene	8.79	92	410863	51.301	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214868	44.592	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	205456	44.314	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	167064	50.764	ug/l	97
56) Ethyl methacrylate	9.19	69	249895	51.955	ug/l	94
57) 1,3-Dichloropropane	9.38	76	270979	50.133	ug/l	100
59) 2-Hexanone	9.50	43	951628	257.577	ug/l	96
60) Dibromochloromethane	9.59	129	182540	52.689	ug/l	100
61) 1,2-Dibromoethane	9.68	107	177922	51.542	ug/l	100
64) Tetrachloroethene	9.34	164	203923	49.220	ug/l	99
65) Chlorobenzene	10.14	112	477394	50.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	176055	51.209	ug/l	100
67) Ethyl Benzene	10.26	91	938401	60.025	ug/l	100
68) m/p-Xylenes	10.37	106	727521	120.746	ug/l	97
69) o-Xylene	10.70	106	346799	59.112	ug/l	97
70) Styrene	10.71	104	516172	54.146	ug/l	99
71) Bromoform	10.86	173	146734	47.454	ug/l	99
73) Isopropylbenzene	11.02	105	916825	57.983	ug/l	99
74) N-amyl acetate	6.48	43	326135	42.155	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	244022	50.100	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	233102m	54.751	ug/l	
77) Bromobenzene	11.26	156	232310	51.591	ug/l	95
78) n-propylbenzene	11.37	91	946729	52.601	ug/l	98
79) 2-Chlorotoluene	11.43	91	551221	50.586	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	731527	54.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50809	35.659	ug/l	99
82) 4-Chlorotoluene	11.51	91	652123	50.552	ug/l	99
83) tert-Butylbenzene	11.77	119	687356	52.370	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	763234	55.313	ug/l	97
85) sec-Butylbenzene	11.95	105	820462	51.529	ug/l	99
86) p-Isopropyltoluene	12.07	119	745033	52.046	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	419890	51.056	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	429349	50.731	ug/l	99
89) n-Butylbenzene	12.39	91	621322	49.867	ug/l	99
90) Hexachloroethane	12.60	117	117802	55.327	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	419085	50.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57405	52.427	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	316275	52.355	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	157478	52.267	ug/l	98
95) Naphthalene	13.84	128	886015	55.067	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320120	53.054	ug/l	100

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

