

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003223.D
 Acq On : 06 Jul 2018 20:13
 Operator : JC/MD
 Sample : VX0706WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:54 PM

Quant Time: Jul 07 00:15:18 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	217576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156546	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	5.51	113	133832	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
50) Toluene-d8	8.72	98	451614	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	11.14	95	177104	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37912	19.332	ug/l	96
3) Chloromethane	1.32	50	40342	19.268	ug/l	98
4) Vinyl Chloride	1.40	62	44361	18.029	ug/l	93
5) Bromomethane	1.64	94	19745	15.303	ug/l	96
6) Chloroethane	1.72	64	29267	18.958	ug/l	99
7) Trichlorofluoromethane	1.93	101	70741	17.044	ug/l	100
8) Diethyl Ether	2.19	74	27629	18.311	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41653	17.320	ug/l	96
10) Methyl Iodide	2.51	142	36481	19.321	ug/l	96
11) Tert butyl alcohol	3.08	59	53528	89.349	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37740	17.588	ug/l	93
13) Acrolein	2.29	56	38432	117.985	ug/l	97
14) Allyl chloride	2.73	41	74752	17.673	ug/l	95
15) Acrylonitrile	3.15	53	118398	92.526	ug/l	99
16) Acetone	2.45	43	105024	84.328	ug/l	97
17) Carbon Disulfide	2.57	76	95612	16.723	ug/l	99
18) Methyl Acetate	2.78	43	58959	16.932	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	138844	17.998	ug/l	99
20) Methylene Chloride	2.86	84	50029	20.643	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	42363	18.126	ug/l	93
22) Diisopropyl ether	3.87	45	154350	19.090	ug/l	97
23) Vinyl Acetate	3.83	43	625511	91.363	ug/l	97
24) 1,1-Dichloroethane	3.70	63	80112	18.230	ug/l	99
25) 2-Butanone	4.71	43	177707	96.145	ug/l	95
26) 2,2-Dichloropropane	4.59	77	63654	17.813	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	50790	19.382	ug/l	99
28) Bromochloromethane	5.02	49	47771	22.711	ug/l	91
29) Tetrahydrofuran	5.17	42	113215	95.517	ug/l	95
30) Chloroform	5.22	83	86879	19.264	ug/l	97
31) Cyclohexane	5.57	56	68397	18.136	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	74939	18.886	ug/l	98
36) 1,1-Dichloropropene	5.80	75	59870	18.406	ug/l	97
37) Ethyl Acetate	4.87	43	68659	19.604	ug/l	96
38) Carbon Tetrachloride	5.78	117	66376	18.595	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66444	17.537	ug/l	96
40) Benzene	6.15	78	187011	19.787	ug/l	100
41) Methacrylonitrile	5.07	41	39024	19.350	ug/l	96
42) 1,2-Dichloroethane	6.20	62	69564	18.221	ug/l	98
43) Isopropyl Acetate	6.47	43	108630	18.494	ug/l	97
44) Trichloroethene	7.22	130	54135	19.212	ug/l	96
45) 1,2-Dichloropropane	7.52	63	48080	19.178	ug/l	97
46) Dibromomethane	7.67	93	33481	19.244	ug/l	96
47) Bromodichloromethane	7.90	83	61273	19.050	ug/l	99
48) Methyl methacrylate	7.78	41	54425	17.983	ug/l	94
49) 1,4-Dioxane	7.76	88	23649	401.633	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	354890	96.570	ug/l	99
52) Toluene	8.79	92	118058	19.499	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	69898	19.189	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	62936	17.956	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	50341	20.234	ug/l	98
56) Ethyl methacrylate	9.18	69	68779	18.916	ug/l	92
57) 1,3-Dichloropropane	9.38	76	80377	19.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177414	101.137	ug/l	97
59) 2-Hexanone	9.50	43	266392	95.379	ug/l	97
60) Dibromochloromethane	9.59	129	49781	19.007	ug/l	100
61) 1,2-Dibromoethane	9.68	107	51380	19.689	ug/l	99
64) Tetrachloroethene	9.34	164	61294	19.509	ug/l	97
65) Chlorobenzene	10.14	112	137230	19.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	49762	19.087	ug/l	99
67) Ethyl Benzene	10.26	91	218392	18.421	ug/l	100
68) m/p-Xylenes	10.36	106	170988	37.422	ug/l	99
69) o-Xylene	10.70	106	82452	18.533	ug/l	99
70) Styrene	10.71	104	139067	19.237	ug/l	98
71) Bromoform	10.86	173	38963	19.153	ug/l #	98
73) Isopropylbenzene	11.02	105	227656	19.181	ug/l	99
74) N-amyl acetate	6.47	43	108630	18.706	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	72239	19.758	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	69823m	21.848	ug/l	
77) Bromobenzene	11.26	156	65037	19.242	ug/l	96
78) n-propylbenzene	11.37	91	246273	18.229	ug/l	98
79) 2-Chlorotoluene	11.42	91	153236	18.735	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	187448	18.751	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16429	17.274	ug/l	96
82) 4-Chlorotoluene	11.51	91	178614	18.446	ug/l	98
83) tert-Butylbenzene	11.77	119	186777	18.958	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	190529	18.395	ug/l	98
85) sec-Butylbenzene	11.95	105	221713	18.551	ug/l	99
86) p-Isopropyltoluene	12.07	119	195567	18.200	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	116900	18.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118746	18.692	ug/l	99
89) n-Butylbenzene	12.39	91	155452	16.621	ug/l	99
90) Hexachloroethane	12.60	117	28066	17.560	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	118747	19.058	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14494	17.635	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81106	17.886	ug/l	99
94) Hexachlorobutadiene	13.79	225	40126	17.742	ug/l	99
95) Naphthalene	13.83	128	231977	19.207	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85455	18.868	ug/l	100

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

