

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002438.D
 Acq On : 11 Jun 2018 13:00
 Operator : JC/MD
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 5:07:01 PM

Quant Time: Jun 11 16:44:53 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	284624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187988	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	146641	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	565152	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	214392	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54457	18.41	ug/l	99
3) Chloromethane	1.32	50	60376	15.85	ug/l	99
4) Vinyl Chloride	1.40	62	68207	18.29	ug/l	99
5) Bromomethane	1.64	94	35780	14.59	ug/l	98
6) Chloroethane	1.73	64	51121	21.19	ug/l	94
7) Trichlorofluoromethane	1.93	101	117042	20.60	ug/l	96
8) Diethyl Ether	2.19	74	41321	18.98	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67448	22.00	ug/l	99
10) Methyl Iodide	2.51	142	49836	11.56	ug/l	99
11) Tert butyl alcohol	3.06	59	74821	75.92	ug/l	98
12) 1,1-Dichloroethene	2.38	96	57831	19.09	ug/l	96
13) Acrolein	2.29	56	30890	69.39	ug/l	95
14) Allyl chloride	2.73	41	114894	17.47	ug/l	98
15) Acrylonitrile	3.15	53	168621	91.19	ug/l	99
16) Acetone	2.45	43	189580	96.53	ug/l	100
17) Carbon Disulfide	2.57	76	135689	16.99	ug/l	98
18) Methyl Acetate	2.78	43	81664	18.32	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	217215	19.11	ug/l	100
20) Methylene Chloride	2.86	84	65416	18.59	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	61303	18.35	ug/l	96
22) Diisopropyl ether	3.87	45	231858	20.22	ug/l	97
23) Vinyl Acetate	3.82	43	986874	92.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122496	18.85	ug/l	99
25) 2-Butanone	4.70	43	229531	82.25	ug/l	100
26) 2,2-Dichloropropane	4.59	77	89269	17.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	64201	17.67	ug/l	94
28) Bromochloromethane	5.02	49	61492	20.12	ug/l	100
29) Tetrahydrofuran	5.16	42	140108	77.87	ug/l	99
30) Chloroform	5.22	83	110649	17.64	ug/l	98
31) Cyclohexane	5.58	56	94801	18.45	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	97190	18.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80072	19.18	ug/l	99
37) Ethyl Acetate	4.86	43	87125	17.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	85477	19.57	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100366	19.62	ug/l	96
40) Benzene	6.15	78	235431	18.39	ug/l	99
41) Methacrylonitrile	5.06	41	51105	17.78	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93168	18.32	ug/l	99
43) Isopropyl Acetate	6.46	43	148147	17.37	ug/l	99
44) Trichloroethene	7.21	130	67745	19.07	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63189	18.28	ug/l	100
46) Dibromomethane	7.67	93	42586	18.18	ug/l	98
47) Bromodichloromethane	7.90	83	78208	18.46	ug/l	99
48) Methyl methacrylate	7.78	41	75507	17.63	ug/l	98
49) 1,4-Dioxane	7.75	88	27207	339.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	468369	88.19	ug/l	99
52) Toluene	8.79	92	155667	19.12	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	92642	18.23	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	86063	17.95	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	62842	18.77	ug/l	99
56) Ethyl methacrylate	9.18	69	94549	17.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	103968	18.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	257947	104.25	ug/l	99
59) 2-Hexanone	9.50	43	366302	89.30	ug/l	100
60) Dibromochloromethane	9.59	129	62435	18.54	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64772	18.55	ug/l	100
64) Tetrachloroethene	9.34	164	74073	19.12	ug/l	95
65) Chlorobenzene	10.14	112	179746	19.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64248	18.98	ug/l	99
67) Ethyl Benzene	10.26	91	311513	19.91	ug/l	98
68) m/p-Xylenes	10.36	106	238215	39.17	ug/l	100
69) o-Xylene	10.70	106	116908	19.32	ug/l	99
70) Styrene	10.71	104	189489	19.15	ug/l	99
71) Bromoform	10.86	173	46512	17.74	ug/l #	100
73) Isopropylbenzene	11.02	105	323508	19.18	ug/l	100
74) N-amyl acetate	6.46	43	148147	16.30	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91875	17.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82086m	15.42	ug/l	
77) Bromobenzene	11.26	156	85294	18.01	ug/l	100
78) n-propylbenzene	11.37	91	372220	19.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	216289	18.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	275401	19.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23865	15.72	ug/l	93
82) 4-Chlorotoluene	11.51	91	257576	18.85	ug/l	99
83) tert-Butylbenzene	11.77	119	270139	19.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	282585	18.97	ug/l	100
85) sec-Butylbenzene	11.95	105	338907	20.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	305895	20.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160464	18.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	162797	18.65	ug/l	100
89) n-Butylbenzene	12.39	91	273818	21.70	ug/l	100
90) Hexachloroethane	12.60	117	43431	18.08	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	159945	18.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20016	17.25	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	123615	20.12	ug/l	97
94) Hexachlorobutadiene	13.79	225	67642	22.28	ug/l	100
95) Naphthalene	13.84	128	322193	18.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121718	19.43	ug/l	100

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

