

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002639.D
 Acq On : 16 Jun 2018 11:10
 Operator : JC/MD
 Sample : VX0615WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:07 PM

Quant Time: Jun 18 07:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156424	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.51	113	121320	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.72	98	465324	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	170085	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44185	18.65	ug/l	100
3) Chloromethane	1.32	50	47401	16.82	ug/l	99
4) Vinyl Chloride	1.40	62	54798	18.74	ug/l	94
5) Bromomethane	1.64	94	29294	16.60	ug/l	97
6) Chloroethane	1.73	64	36547	18.96	ug/l	99
7) Trichlorofluoromethane	1.93	101	93338	19.64	ug/l	98
8) Diethyl Ether	2.19	74	33945	18.78	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51906	19.54	ug/l	98
10) Methyl Iodide	2.51	142	45328	16.52	ug/l	98
11) Tert butyl alcohol	3.07	59	66482	94.83	ug/l	100
12) 1,1-Dichloroethene	2.38	96	46949	18.83	ug/l	93
13) Acrolein	2.30	56	25270	81.64	ug/l	96
14) Allyl chloride	2.73	41	91447	18.47	ug/l	97
15) Acrylonitrile	3.15	53	139627	91.27	ug/l	99
16) Acetone	2.45	43	163993	109.60	ug/l	99
17) Carbon Disulfide	2.57	76	110556	18.69	ug/l	97
18) Methyl Acetate	2.78	43	74643	18.73	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	174008	18.60	ug/l	98
20) Methylene Chloride	2.86	84	52396	17.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	50503	18.67	ug/l	99
22) Diisopropyl ether	3.87	45	166682	18.61	ug/l	93
23) Vinyl Acetate	3.83	43	691452	92.22	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96466	19.84	ug/l	99
25) 2-Butanone	4.71	43	197395	100.46	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67361	19.28	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52376	19.03	ug/l	99
28) Bromochloromethane	5.03	49	42163	18.52	ug/l	96
29) Tetrahydrofuran	5.17	42	118747	92.21	ug/l	97
30) Chloroform	5.22	83	91096	19.43	ug/l	100
31) Cyclohexane	5.58	56	78301	19.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78169	19.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	65897	19.67	ug/l	98
37) Ethyl Acetate	4.87	43	73395	19.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	66890	20.05	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80011	20.42	ug/l	100
40) Benzene	6.15	78	195758	19.48	ug/l	98
41) Methacrylonitrile	5.07	41	41104	19.19	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77212	19.85	ug/l	100
43) Isopropyl Acetate	6.47	43	118271	18.82	ug/l	100
44) Trichloroethene	7.22	130	57510	19.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	50392	19.06	ug/l	99
46) Dibromomethane	7.67	93	35811	20.24	ug/l	98
47) Bromodichloromethane	7.90	83	60985	19.55	ug/l	97
48) Methyl methacrylate	7.78	41	61856	19.26	ug/l	99
49) 1,4-Dioxane	7.76	88	24515	403.13	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	390870	96.88	ug/l	99
52) Toluene	8.79	92	128288	20.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	72547	19.12	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64253	18.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52771	20.38	ug/l	98
56) Ethyl methacrylate	9.18	69	76284	19.14	ug/l	98
57) 1,3-Dichloropropane	9.38	76	85968	19.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	183969	95.43	ug/l	100
59) 2-Hexanone	9.50	43	307282	101.07	ug/l	99
60) Dibromochloromethane	9.59	129	47906	18.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53447	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	63774	19.18	ug/l	98
65) Chlorobenzene	10.14	112	158654	21.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	50475	20.13	ug/l	99
67) Ethyl Benzene	10.26	91	249475	20.11	ug/l	100
68) m/p-Xylenes	10.37	106	193073	40.34	ug/l	100
69) o-Xylene	10.70	106	93148	19.81	ug/l	98
70) Styrene	10.71	104	152889	19.77	ug/l	99
71) Bromoform	10.86	173	34951	18.67	ug/l #	99
73) Isopropylbenzene	11.02	105	258416	20.67	ug/l	100
74) N-amyl acetate	6.47	43	118271	19.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76361	20.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73651m	20.88	ug/l	
77) Bromobenzene	11.26	156	68666	19.71	ug/l	97
78) n-propylbenzene	11.37	91	290380	20.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	169458	19.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	213875	20.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15437	17.02	ug/l	88
82) 4-Chlorotoluene	11.51	91	201080	19.91	ug/l	99
83) tert-Butylbenzene	11.77	119	212765	20.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	222027	20.59	ug/l	99
85) sec-Butylbenzene	11.95	105	262322	20.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	234858	20.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	128922	20.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	136791	21.05	ug/l	100
89) n-Butylbenzene	12.39	91	204056	20.20	ug/l	99
90) Hexachloroethane	12.60	117	29114	18.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	165580	25.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15420	19.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93777	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	50401	20.51	ug/l	99
95) Naphthalene	13.84	128	254735	20.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94613	20.19	ug/l	100

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

