

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002460.D
 Acq On : 12 Jun 2018 12:16
 Operator : JC/MD
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:35 PM

Quant Time: Jun 12 15:05:44 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	278988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180435	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	5.51	113	139443	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
50) Toluene-d8	8.72	98	534368	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
62) 4-Bromofluorobenzene	11.14	95	203705	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53749	18.533	ug/l	100
3) Chloromethane	1.33	50	60405	16.239	ug/l	99
4) Vinyl Chloride	1.41	62	69483	19.010	ug/l	100
5) Bromomethane	1.64	94	38165	16.194	ug/l	99
6) Chloroethane	1.73	64	46909	19.840	ug/l	99
7) Trichlorofluoromethane	1.93	101	117501	21.099	ug/l	100
8) Diethyl Ether	2.19	74	42705	20.148	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69923	23.267	ug/l	99
10) Methyl Iodide	2.51	142	52198	12.348	ug/l	97
11) Tert butyl alcohol	3.06	59	79888	84.613	ug/l	98
12) 1,1-Dichloroethene	2.38	96	58636	19.743	ug/l	99
13) Acrolein	2.30	56	26159	58.566	ug/l	99
14) Allyl chloride	2.73	41	117290	18.197	ug/l	98
15) Acrylonitrile	3.15	53	174775	97.006	ug/l	100
16) Acetone	2.45	43	199287	105.031	ug/l	100
17) Carbon Disulfide	2.57	76	129901	16.595	ug/l	99
18) Methyl Acetate	2.78	43	85226	19.687	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220808	19.911	ug/l	100
20) Methylene Chloride	2.86	84	66976	19.549	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	62651	19.129	ug/l	96
22) Diisopropyl ether	3.87	45	239829	21.423	ug/l	96
23) Vinyl Acetate	3.83	43	1017080	97.340	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127001	19.936	ug/l	100
25) 2-Butanone	4.70	43	231221	84.527	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88518	17.776	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63435	17.809	ug/l	95
28) Bromochloromethane	5.02	49	62469	20.992	ug/l	99
29) Tetrahydrofuran	5.17	42	140016	79.389	ug/l	98
30) Chloroform	5.22	83	113200	18.415	ug/l	97
31) Cyclohexane	5.58	56	95606	18.979	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	97259	18.656	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80810	19.674	ug/l	98
37) Ethyl Acetate	4.86	43	87947	17.804	ug/l	100
38) Carbon Tetrachloride	5.79	117	84236	19.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99185	19.705	ug/l	99
40) Benzene	6.15	78	237480	18.856	ug/l	100
41) Methacrylonitrile	5.06	41	50038	17.695	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96096	19.205	ug/l	100
43) Isopropyl Acetate	6.46	43	147611	17.593	ug/l	100
44) Trichloroethene	7.22	130	67378	19.276	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63522	18.683	ug/l	98
46) Dibromomethane	7.66	93	43188	18.738	ug/l	98
47) Bromodichloromethane	7.90	83	78941	18.937	ug/l	97
48) Methyl methacrylate	7.78	41	75926	18.016	ug/l	98
49) 1,4-Dioxane	7.76	88	29086	369.111	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	477077	91.308	ug/l	100
52) Toluene	8.79	92	158206	19.751	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92139	18.431	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	85346	18.096	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	64545	19.592	ug/l	98
56) Ethyl methacrylate	9.18	69	95339	18.126	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105910	19.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237272	97.466	ug/l	99
59) 2-Hexanone	9.50	43	373768	92.614	ug/l	100
60) Dibromochloromethane	9.59	129	62388	18.827	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66128	19.251	ug/l	100
64) Tetrachloroethene	9.34	164	75694	19.424	ug/l	97
65) Chlorobenzene	10.14	112	183279	19.493	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	64563	18.964	ug/l	100
67) Ethyl Benzene	10.26	91	313745	19.939	ug/l	98
68) m/p-Xylenes	10.36	106	243345	39.785	ug/l	100
69) o-Xylene	10.70	106	118773	19.513	ug/l	99
70) Styrene	10.71	104	197452	19.843	ug/l	100
71) Bromoform	10.86	173	45929	17.479	ug/l #	99
73) Isopropylbenzene	11.02	105	329746	19.334	ug/l	100
74) N-amyl acetate	6.46	43	147611	16.063	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95137	17.736	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84299m	15.670	ug/l	
77) Bromobenzene	11.26	156	86563	18.079	ug/l	100
78) n-propylbenzene	11.37	91	384196	20.268	ug/l	100
79) 2-Chlorotoluene	11.43	91	220325	18.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279483	19.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23140	15.078	ug/l	89
82) 4-Chlorotoluene	11.51	91	264159	19.120	ug/l	100
83) tert-Butylbenzene	11.77	119	277202	19.460	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	286794	19.046	ug/l	99
85) sec-Butylbenzene	11.95	105	345299	20.677	ug/l	100
86) p-Isopropyltoluene	12.07	119	312381	20.536	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	164425	19.206	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	169035	19.156	ug/l	100
89) n-Butylbenzene	12.39	91	277611	21.761	ug/l	99
90) Hexachloroethane	12.60	117	43337	17.848	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	167206	18.877	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19132	16.310	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	122903	19.788	ug/l	100
94) Hexachlorobutadiene	13.79	225	66662	21.720	ug/l	99
95) Naphthalene	13.84	128	328701	18.420	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124220	19.611	ug/l	99

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

