

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006665.D
 Acq On : 20 Dec 2018 10:27
 Operator : JC/MD
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:18:54 AM

Quant Time: Dec 21 03:50:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	588775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	912822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	837848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442553	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	317844	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	280506	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1079845	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	395648	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	103428	19.202	ug/l 100
3) Chloromethane	1.33	50	117038	20.169	ug/l 100
4) Vinyl Chloride	1.41	62	120528	19.887	ug/l 99
5) Bromomethane	1.64	94	124650	20.925	ug/l 100
6) Chloroethane	1.73	64	77403	18.445	ug/l 98
7) Trichlorofluoromethane	1.93	101	188299	19.928	ug/l 97
8) Diethyl Ether	2.19	74	72526	19.325	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108619	19.578	ug/l 96
10) Methyl Iodide	2.51	142	164192	20.675	ug/l 99
11) Tert butyl alcohol	3.07	59	148583	104.920	ug/l 99
12) 1,1-Dichloroethene	2.38	96	101468	19.289	ug/l 96
13) Acrolein	2.30	56	80582	84.348	ug/l 93
14) Allyl chloride	2.73	41	174513	19.708	ug/l 99
15) Acrylonitrile	3.15	53	321047	102.104	ug/l 99
16) Acetone	2.45	43	296894	101.838	ug/l 98
17) Carbon Disulfide	2.57	76	234281	16.829	ug/l 100
18) Methyl Acetate	2.78	43	180162	21.016	ug/l 98
19) Methyl tert-butyl Ether	3.21	73	360594	20.653	ug/l 99
20) Methylene Chloride	2.86	84	118460	19.650	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	110207	18.908	ug/l 97
22) Diisopropyl ether	3.87	45	334454	20.646	ug/l 93
23) Vinyl Acetate	3.82	43	1323485	99.882	ug/l 99
24) 1,1-Dichloroethane	3.70	63	193024	19.961	ug/l 97
25) 2-Butanone	4.70	43	418105	101.957	ug/l 97
26) 2,2-Dichloropropane	4.59	77	138089	18.486	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	128421	19.969	ug/l 99
28) Bromochloromethane	5.02	49	88651	20.660	ug/l 96
29) Tetrahydrofuran	5.15	42	273314	101.193	ug/l 99
30) Chloroform	5.21	83	198252	19.798	ug/l 96
31) Cyclohexane	5.58	56	171272	19.496	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	165849	19.614	ug/l 99
36) 1,1-Dichloropropene	5.80	75	148940	19.700	ug/l 99
37) Ethyl Acetate	4.85	43	156209	19.852	ug/l 99
38) Carbon Tetrachloride	5.79	117	138012	18.784	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190661	19.156	ug/l	98
40) Benzene	6.14	78	457014	19.887	ug/l	98
41) Methacrylonitrile	5.06	41	87530	20.952	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153959	19.661	ug/l	99
43) Isopropyl Acetate	6.46	43	241230	20.148	ug/l	99
44) Trichloroethene	7.21	130	135074	19.420	ug/l	94
45) 1,2-Dichloropropane	7.52	63	113044	20.214	ug/l	99
46) Dibromomethane	7.66	93	80849	19.655	ug/l	99
47) Bromodichloromethane	7.90	83	127900	18.728	ug/l	99
48) Methyl methacrylate	7.77	41	126798	20.826	ug/l	99
49) 1,4-Dioxane	7.75	88	68275	416.995	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	809345	106.242	ug/l	100
52) Toluene	8.78	92	296198	19.951	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136098	18.582	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158714	19.749	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123236	20.279	ug/l	98
56) Ethyl methacrylate	9.18	69	177994	20.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194993	19.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460800	100.928	ug/l	99
59) 2-Hexanone	9.49	43	625075	107.242	ug/l	100
60) Dibromochloromethane	9.58	129	106930	18.366	ug/l	98
61) 1,2-Dibromoethane	9.67	107	132843	20.564	ug/l	99
64) Tetrachloroethene	9.34	164	132627	19.991	ug/l	99
65) Chlorobenzene	10.14	112	352205	19.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109876	19.868	ug/l	99
67) Ethyl Benzene	10.25	91	568625	19.632	ug/l	99
68) m/p-Xylenes	10.36	106	458353	40.103	ug/l	100
69) o-Xylene	10.70	106	226529	20.071	ug/l	99
70) Styrene	10.71	104	360355	20.182	ug/l	99
71) Bromoform	10.86	173	75601	18.263	ug/l #	98
73) Isopropylbenzene	11.02	105	595567	19.671	ug/l	99
74) N-amyl acetate	10.90	43	221409	20.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183818	20.415	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170912m	20.781	ug/l	
77) Bromobenzene	11.26	156	159149	19.443	ug/l	97
78) n-propylbenzene	11.36	91	652235	19.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	397180	19.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493061	19.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37832	17.046	ug/l #	84
82) 4-Chlorotoluene	11.51	91	459033	19.807	ug/l	99
83) tert-Butylbenzene	11.77	119	493506	19.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	504297	19.226	ug/l	100
85) sec-Butylbenzene	11.94	105	602595	19.692	ug/l	99
86) p-Isopropyltoluene	12.06	119	534422	19.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288895	19.584	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	289291	19.130	ug/l	97
89) n-Butylbenzene	12.38	91	444230	19.405	ug/l	99
90) Hexachloroethane	12.60	117	67022	18.165	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291539	19.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33886	18.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	195427	19.199	ug/l	100
94) Hexachlorobutadiene	13.78	225	89925	18.742	ug/l	98
95) Naphthalene	13.83	128	628321	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	195481	18.600	ug/l	99

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

