

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006692.D
 Acq On : 20 Dec 2018 23:20
 Operator : JC/MD
 Sample : VX1220WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:29 AM

Quant Time: Dec 21 04:44:51 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	553858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	856417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	791179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	303058	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	267160	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.71	98	1019477	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	374150	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93619	18.477	ug/l	99
3) Chloromethane	1.33	50	102458	18.769	ug/l	99
4) Vinyl Chloride	1.41	62	112247	19.688	ug/l	99
5) Bromomethane	1.64	94	103720	18.279	ug/l	97
6) Chloroethane	1.73	64	76151	19.291	ug/l	99
7) Trichlorofluoromethane	1.93	101	174800	19.666	ug/l	98
8) Diethyl Ether	2.19	74	68697	19.459	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98870	18.944	ug/l	98
10) Methyl Iodide	2.51	142	143962	19.270	ug/l	98
11) Tert butyl alcohol	3.07	59	146538	109.999	ug/l	100
12) 1,1-Dichloroethene	2.38	96	96785	19.558	ug/l	98
13) Acrolein	2.30	56	70378	78.312	ug/l	98
14) Allyl chloride	2.73	41	162956	19.563	ug/l	97
15) Acrylonitrile	3.15	53	313303	105.923	ug/l	99
16) Acetone	2.45	43	263958	96.249	ug/l	99
17) Carbon Disulfide	2.57	76	213504	16.303	ug/l	100
18) Methyl Acetate	2.78	43	181032	22.449	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	341433	20.788	ug/l	98
20) Methylene Chloride	2.86	84	111559	19.672	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	103149	18.812	ug/l	95
22) Diisopropyl ether	3.87	45	314832	20.660	ug/l	93
23) Vinyl Acetate	3.82	43	1232546	98.884	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174291	19.160	ug/l	99
25) 2-Butanone	4.70	43	393983	102.131	ug/l	100
26) 2,2-Dichloropropane	4.59	77	106315	15.130	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	118613	19.607	ug/l	99
28) Bromochloromethane	5.01	49	87980	21.902	ug/l	99
29) Tetrahydrofuran	5.16	42	267199	105.166	ug/l	99
30) Chloroform	5.21	83	187704	19.926	ug/l	98
31) Cyclohexane	5.57	56	154632	18.711	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	155054	19.493	ug/l	98
36) 1,1-Dichloropropene	5.80	75	133751	18.856	ug/l	98
37) Ethyl Acetate	4.86	43	151772	20.558	ug/l	99
38) Carbon Tetrachloride	5.79	117	128273	18.608	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173459	18.575	ug/l	98
40) Benzene	6.15	78	426067	19.761	ug/l	99
41) Methacrylonitrile	5.06	41	83066	21.193	ug/l	100
42) 1,2-Dichloroethane	6.20	62	142732	19.427	ug/l	100
43) Isopropyl Acetate	6.46	43	228075	20.304	ug/l	98
44) Trichloroethene	7.21	130	123529	18.929	ug/l	97
45) 1,2-Dichloropropane	7.51	63	106695	20.335	ug/l	100
46) Dibromomethane	7.66	93	75562	19.579	ug/l	100
47) Bromodichloromethane	7.90	83	121086	18.898	ug/l	95
48) Methyl methacrylate	7.77	41	119026	20.837	ug/l	100
49) 1,4-Dioxane	7.75	88	64080	417.158	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	769803	107.707	ug/l	100
52) Toluene	8.79	92	276449	19.847	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	120994	17.607	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140295	18.607	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117846	20.670	ug/l	96
56) Ethyl methacrylate	9.18	69	165700	20.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	183813	20.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	446711	104.287	ug/l	99
59) 2-Hexanone	9.49	43	588667	107.647	ug/l	100
60) Dibromochloromethane	9.59	129	101040	18.481	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120965	19.959	ug/l	98
64) Tetrachloroethene	9.34	164	127462	20.345	ug/l	93
65) Chlorobenzene	10.14	112	321898	19.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	102404	19.609	ug/l	100
67) Ethyl Benzene	10.25	91	528570	19.325	ug/l	100
68) m/p-Xylenes	10.36	106	422540	39.151	ug/l	100
69) o-Xylene	10.70	106	205179	19.252	ug/l	95
70) Styrene	10.71	104	333048	19.753	ug/l	100
71) Bromoform	10.86	173	70325	18.058	ug/l #	98
73) Isopropylbenzene	11.02	105	549296	19.915	ug/l	100
74) N-amyl acetate	10.90	43	207067	20.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	175649	21.414	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	155789m	20.793	ug/l	
77) Bromobenzene	11.26	156	150927	20.240	ug/l	98
78) n-propylbenzene	11.36	91	605642	19.940	ug/l	100
79) 2-Chlorotoluene	11.42	91	366739	19.925	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454322	19.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32722	16.398	ug/l #	82
82) 4-Chlorotoluene	11.51	91	413537	19.587	ug/l	99
83) tert-Butylbenzene	11.77	119	450558	19.816	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	469167	19.634	ug/l	99
85) sec-Butylbenzene	11.94	105	554258	19.882	ug/l	100
86) p-Isopropyltoluene	12.06	119	487803	19.906	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265531	19.758	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	265381	19.263	ug/l	98
89) n-Butylbenzene	12.39	91	395659	18.972	ug/l	99
90) Hexachloroethane	12.60	117	61189	18.197	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	265758	19.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31087	18.316	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181045	19.523	ug/l	99
94) Hexachlorobutadiene	13.78	225	82823	18.949	ug/l	96
95) Naphthalene	13.83	128	581606	19.651	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	183729	19.189	ug/l	98

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

