

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006770.D
 Acq On : 22 Dec 2018 14:23
 Operator : JC/MD
 Sample : VX1222WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 11:47:39 AM

Quant Time: Dec 24 05:00:26 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	549780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	841964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	300260	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	264975	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1002131	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	360607	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	91239	18.141	ug/l	99
3) Chloromethane	1.33	50	97722	18.035	ug/l	97
4) Vinyl Chloride	1.41	62	106530	18.824	ug/l	99
5) Bromomethane	1.64	94	106097	18.898	ug/l	100
6) Chloroethane	1.72	64	68041	17.364	ug/l	97
7) Trichlorofluoromethane	1.93	101	171562	19.445	ug/l	94
8) Diethyl Ether	2.19	74	67877	19.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100668	19.432	ug/l	99
10) Methyl Iodide	2.51	142	139708	18.840	ug/l	99
11) Tert butyl alcohol	3.07	59	132792	100.420	ug/l	99
12) 1,1-Dichloroethene	2.38	96	91856	18.700	ug/l	95
13) Acrolein	2.29	56	87070	97.604	ug/l	99
14) Allyl chloride	2.73	41	155358	18.790	ug/l	98
15) Acrylonitrile	3.15	53	303561	103.391	ug/l	99
16) Acetone	2.45	43	250059	91.857	ug/l	99
17) Carbon Disulfide	2.57	76	196094	15.085	ug/l	100
18) Methyl Acetate	2.78	43	176195	22.011	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	331948	20.361	ug/l	99
20) Methylene Chloride	2.86	84	108593	19.291	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	100274	18.424	ug/l	97
22) Diisopropyl ether	3.87	45	304430	20.126	ug/l	98
23) Vinyl Acetate	3.82	43	1205119	97.400	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169546	18.776	ug/l	99
25) 2-Butanone	4.70	43	387191	101.115	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108251	15.520	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	117787	19.615	ug/l	98
28) Bromochloromethane	5.02	49	81635	20.348	ug/l	99
29) Tetrahydrofuran	5.15	42	261653	103.747	ug/l	99
30) Chloroform	5.21	83	183541	19.629	ug/l	96
31) Cyclohexane	5.57	56	152371	18.574	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	147330	18.660	ug/l	98
36) 1,1-Dichloropropene	5.80	75	133086	19.085	ug/l	99
37) Ethyl Acetate	4.85	43	146827	20.230	ug/l	99
38) Carbon Tetrachloride	5.78	117	121016	17.857	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169277	18.438	ug/l	98
40) Benzene	6.14	78	418043	19.722	ug/l	97
41) Methacrylonitrile	5.06	41	81876	21.248	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141148	19.542	ug/l	99
43) Isopropyl Acetate	6.46	43	218744	19.808	ug/l	100
44) Trichloroethene	7.21	130	118832	18.522	ug/l	94
45) 1,2-Dichloropropane	7.52	63	104795	20.316	ug/l	96
46) Dibromomethane	7.66	93	73088	19.263	ug/l	99
47) Bromodichloromethane	7.90	83	116839	18.548	ug/l	99
48) Methyl methacrylate	7.77	41	116986	20.831	ug/l	98
49) 1,4-Dioxane	7.75	88	59658	393.962	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	750770	106.847	ug/l	99
52) Toluene	8.79	92	271881	19.854	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116159	17.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	134589	18.156	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115092	20.533	ug/l	98
56) Ethyl methacrylate	9.18	69	158855	20.052	ug/l	98
57) 1,3-Dichloropropane	9.37	76	179191	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421656	100.127	ug/l	100
59) 2-Hexanone	9.49	43	566476	105.368	ug/l	99
60) Dibromochloromethane	9.59	129	95003	17.776	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117641	19.743	ug/l	99
64) Tetrachloroethene	9.34	164	117000	19.322	ug/l	98
65) Chlorobenzene	10.14	112	317169	19.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98600	19.535	ug/l	99
67) Ethyl Benzene	10.25	91	516655	19.544	ug/l	99
68) m/p-Xylenes	10.36	106	403929	38.723	ug/l	99
69) o-Xylene	10.70	106	201346	19.547	ug/l	98
70) Styrene	10.71	104	319019	19.576	ug/l	99
71) Bromoform	10.85	173	65204	17.504	ug/l #	98
73) Isopropylbenzene	11.02	105	532187	20.079	ug/l	99
74) N-amyl acetate	10.90	43	200930	21.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168211	21.340	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	147362m	20.467	ug/l	
77) Bromobenzene	11.26	156	141999	19.817	ug/l	99
78) n-propylbenzene	11.36	91	584438	20.024	ug/l	100
79) 2-Chlorotoluene	11.42	91	346769	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	442183	20.255	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31066	16.252	ug/l #	80
82) 4-Chlorotoluene	11.51	91	396938	19.565	ug/l	99
83) tert-Butylbenzene	11.77	119	433299	19.831	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441487	19.227	ug/l	100
85) sec-Butylbenzene	11.94	105	530643	19.809	ug/l	99
86) p-Isopropyltoluene	12.07	119	466779	19.823	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	252643	19.563	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	250261	18.904	ug/l	97
89) n-Butylbenzene	12.39	91	391653	19.543	ug/l	98
90) Hexachloroethane	12.60	117	58419	18.101	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	250906	19.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28809	17.664	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	169397	19.010	ug/l	99
94) Hexachlorobutadiene	13.78	225	77705	18.500	ug/l	97
95) Naphthalene	13.83	128	545155	19.168	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	175073	19.028	ug/l	96

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

