

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006418.D
 Acq On : 11 Dec 2018 14:11
 Operator : JC/MD
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 10:40:02 AM

Quant Time: Dec 12 04:53:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	903850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	335768	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.50	113	315057	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	1155383	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	438330	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	123351	18.706	ug/l	100
3) Chloromethane	1.33	50	118442	17.478	ug/l	93
4) Vinyl Chloride	1.41	62	131258	17.997	ug/l	98
5) Bromomethane	1.64	94	114460	22.645	ug/l	99
6) Chloroethane	1.72	64	86390	19.319	ug/l	95
7) Trichlorofluoromethane	1.93	101	207968	18.576	ug/l	98
8) Diethyl Ether	2.19	74	78538	18.536	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121045	19.014	ug/l	99
10) Methyl Iodide	2.51	142	180008	18.763	ug/l	97
11) Tert butyl alcohol	3.07	59	177749	94.537	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112773	18.505	ug/l	94
13) Acrolein	2.29	56	98524	95.873	ug/l	100
14) Allyl chloride	2.73	41	200298	16.638	ug/l	97
15) Acrylonitrile	3.15	53	369339	94.134	ug/l	99
16) Acetone	2.45	43	316809	98.190	ug/l	98
17) Carbon Disulfide	2.57	76	280211	14.922	ug/l	100
18) Methyl Acetate	2.78	43	213473	19.784	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	414323	19.058	ug/l	100
20) Methylene Chloride	2.86	84	128952	18.779	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	118199	18.200	ug/l	96
22) Diisopropyl ether	3.87	45	357145	18.994	ug/l	92
23) Vinyl Acetate	3.82	43	1456527	90.819	ug/l	100
24) 1,1-Dichloroethane	3.70	63	205820	19.151	ug/l	99
25) 2-Butanone	4.70	43	442208	96.054	ug/l	96
26) 2,2-Dichloropropane	4.59	77	171233	17.264	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142203	19.630	ug/l	96
28) Bromochloromethane	5.02	49	92076	19.614	ug/l	97
29) Tetrahydrofuran	5.15	42	294556	92.061	ug/l	97
30) Chloroform	5.21	83	219215	19.409	ug/l	97
31) Cyclohexane	5.57	56	178302	17.952	ug/l #	90
32) 1,1,1-Trichloroethane	5.50	97	197509	18.380	ug/l	99
36) 1,1-Dichloropropene	5.80	75	153914	18.439	ug/l	100
37) Ethyl Acetate	4.85	43	171474	18.344	ug/l	98
38) Carbon Tetrachloride	5.79	117	171343	17.449	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200343	18.491	ug/l	98
40) Benzene	6.14	78	484073	19.363	ug/l	99
41) Methacrylonitrile	5.06	41	94210	18.316	ug/l	98
42) 1,2-Dichloroethane	6.20	62	161193	19.701	ug/l	99
43) Isopropyl Acetate	6.46	43	281933	18.090	ug/l	99
44) Trichloroethene	7.21	130	146967	19.405	ug/l	94
45) 1,2-Dichloropropane	7.52	63	119570	18.818	ug/l	98
46) Dibromomethane	7.66	93	88373	19.258	ug/l	98
47) Bromodichloromethane	7.90	83	154881	17.429	ug/l	99
48) Methyl methacrylate	7.77	41	136875	18.053	ug/l	97
49) 1,4-Dioxane	7.75	88	74969	401.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	871877	96.097	ug/l	98
52) Toluene	8.78	92	316728	19.257	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170567	16.412	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	190318	17.635	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	135951	20.346	ug/l	99
56) Ethyl methacrylate	9.18	69	197976	18.952	ug/l	97
57) 1,3-Dichloropropane	9.37	76	211475	20.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	505633	95.387	ug/l	99
59) 2-Hexanone	9.49	43	661504	95.432	ug/l	98
60) Dibromochloromethane	9.59	129	136571	16.575	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141155	18.893	ug/l	99
64) Tetrachloroethene	9.34	164	134739	19.795	ug/l	98
65) Chlorobenzene	10.14	112	377488	19.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	137622	18.461	ug/l	99
67) Ethyl Benzene	10.25	91	606413	19.003	ug/l	98
68) m/p-Xylenes	10.36	106	488819	38.240	ug/l	99
69) o-Xylene	10.70	106	242150	19.178	ug/l	100
70) Styrene	10.71	104	391277	19.160	ug/l	100
71) Bromoform	10.86	173	105728	15.024	ug/l #	100
73) Isopropylbenzene	11.02	105	641071	19.802	ug/l	99
74) N-amyl acetate	10.90	43	250516	17.970	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	201601	19.465	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	191325m	21.145	ug/l	
77) Bromobenzene	11.26	156	176582	19.654	ug/l	99
78) n-propylbenzene	11.36	91	691025	19.202	ug/l	99
79) 2-Chlorotoluene	11.42	91	423510	19.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	532543	19.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57626	14.945	ug/l	89
82) 4-Chlorotoluene	11.51	91	488428	19.640	ug/l	99
83) tert-Butylbenzene	11.77	119	561614	19.541	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	564412	20.292	ug/l	100
85) sec-Butylbenzene	11.94	105	644042	19.698	ug/l	98
86) p-Isopropyltoluene	12.06	119	578565	19.651	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	314269	19.658	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313910	19.346	ug/l	98
89) n-Butylbenzene	12.39	91	475645	18.934	ug/l	99
90) Hexachloroethane	12.60	117	95428	15.903	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	316590	19.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43788	16.493	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218881	18.909	ug/l	99
94) Hexachlorobutadiene	13.79	225	98909	19.322	ug/l	99
95) Naphthalene	13.83	128	706158	19.612	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223177	19.466	ug/l	99

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

