

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006220.D
 Acq On : 30 Nov 2018 10:33
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:28 AM

Quant Time: Nov 30 22:48:09 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	842003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1241063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1118307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	584990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	417116	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	5.51	113	402677	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	1452653	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	547108	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174888	21.213	ug/l	99
3) Chloromethane	1.33	50	168418	19.879	ug/l	95
4) Vinyl Chloride	1.41	62	186936	20.501	ug/l	100
5) Bromomethane	1.64	94	119326	18.883	ug/l	99
6) Chloroethane	1.73	64	112459	20.115	ug/l	99
7) Trichlorofluoromethane	1.93	101	273395	19.533	ug/l	99
8) Diethyl Ether	2.19	74	102331	19.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154482	19.410	ug/l	100
10) Methyl Iodide	2.51	142	231074	19.265	ug/l	99
11) Tert butyl alcohol	3.07	59	225295	95.843	ug/l	98
12) 1,1-Dichloroethene	2.38	96	147166	19.316	ug/l	92
13) Acrolein	2.29	56	118602	92.312	ug/l	98
14) Allyl chloride	2.73	41	297594	19.773	ug/l	100
15) Acrylonitrile	3.15	53	475969	97.032	ug/l	99
16) Acetone	2.45	43	382108	94.726	ug/l	97
17) Carbon Disulfide	2.57	76	456069	19.426	ug/l	99
18) Methyl Acetate	2.78	43	264953	19.641	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	528461	19.443	ug/l	100
20) Methylene Chloride	2.86	84	159544	18.584	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	157657	19.418	ug/l	100
22) Diisopropyl ether	3.87	45	455188	19.363	ug/l	95
23) Vinyl Acetate	3.82	43	1965313	98.018	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261207	19.440	ug/l	100
25) 2-Butanone	4.70	43	554149	96.279	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242908	19.588	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	174428	19.260	ug/l	98
28) Bromochloromethane	5.01	49	114060	19.434	ug/l	99
29) Tetrahydrofuran	5.15	42	382642	95.656	ug/l	100
30) Chloroform	5.21	83	275255	19.494	ug/l	96
31) Cyclohexane	5.57	56	239631	19.298	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	258764	19.260	ug/l	99
36) 1,1-Dichloropropene	5.80	75	201548	19.285	ug/l	100
37) Ethyl Acetate	4.85	43	225291	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	244547	19.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	262816	19.373	ug/l	98
40) Benzene	6.15	78	611514	19.536	ug/l	99
41) Methacrylonitrile	5.06	41	122634	19.042	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203162	19.831	ug/l	99
43) Isopropyl Acetate	6.46	43	372848	19.107	ug/l	99
44) Trichloroethene	7.21	130	183561	19.358	ug/l	97
45) 1,2-Dichloropropane	7.52	63	154419	19.411	ug/l	98
46) Dibromomethane	7.66	93	112344	19.553	ug/l	99
47) Bromodichloromethane	7.90	83	218778	19.663	ug/l	99
48) Methyl methacrylate	7.77	41	180765	19.042	ug/l	99
49) 1,4-Dioxane	7.75	88	92150	393.850	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1109675	97.685	ug/l	99
52) Toluene	8.79	92	403897	19.613	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	254211	19.536	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	265543	19.653	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165751	19.812	ug/l	98
56) Ethyl methacrylate	9.18	69	254143	19.431	ug/l	99
57) 1,3-Dichloropropane	9.37	76	260406	19.684	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	647149	97.507	ug/l	100
59) 2-Hexanone	9.49	43	851806	98.147	ug/l	100
60) Dibromochloromethane	9.59	129	202008	19.581	ug/l	99
61) 1,2-Dibromoethane	9.67	107	181228	19.373	ug/l	100
64) Tetrachloroethene	9.34	164	164069	19.481	ug/l	97
65) Chlorobenzene	10.14	112	468753	19.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	182975	19.838	ug/l	99
67) Ethyl Benzene	10.25	91	776738	19.673	ug/l	100
68) m/p-Xylenes	10.36	106	621591	39.302	ug/l	99
69) o-Xylene	10.70	106	305726	19.570	ug/l	99
70) Styrene	10.71	104	494901	19.587	ug/l	99
71) Bromoform	10.86	173	173428	19.919	ug/l #	100
73) Isopropylbenzene	11.02	105	799915	19.800	ug/l	99
74) N-amyl acetate	10.90	43	335705	19.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	254923	19.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	250233m	22.162	ug/l	
77) Bromobenzene	11.26	156	221161	19.727	ug/l	99
78) n-propylbenzene	11.36	91	886370	19.738	ug/l	100
79) 2-Chlorotoluene	11.42	91	527402	19.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	664509	19.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95176	19.781	ug/l	97
82) 4-Chlorotoluene	11.51	91	606656	19.549	ug/l	100
83) tert-Butylbenzene	11.77	119	709393	19.780	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	675236	19.455	ug/l	99
85) sec-Butylbenzene	11.94	105	798306	19.566	ug/l	100
86) p-Isopropyltoluene	12.06	119	721117	19.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396512	19.876	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388276	19.176	ug/l	98
89) n-Butylbenzene	12.39	91	604016	19.269	ug/l	99
90) Hexachloroethane	12.60	117	145928	19.489	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	391395	19.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60943	18.395	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	282140	19.533	ug/l	99
94) Hexachlorobutadiene	13.79	225	127133	19.902	ug/l	99
95) Naphthalene	13.83	128	868117	19.321	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279390	19.529	ug/l	99

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

