

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005922.D
 Acq On : 13 Nov 2018 01:46
 Operator : JC/MD
 Sample : VX1112WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:37 PM

Quant Time: Nov 13 06:39:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	147246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63251	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.50	113	48145	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.71	98	178317	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	65408	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19791	20.079	ug/l	100
3) Chloromethane	1.32	50	24479	18.924	ug/l	97
4) Vinyl Chloride	1.40	62	24990	19.244	ug/l	91
5) Bromomethane	1.64	94	14798	18.621	ug/l	98
6) Chloroethane	1.72	64	14987	19.342	ug/l	94
7) Trichlorofluoromethane	1.93	101	33660	19.528	ug/l	86
8) Diethyl Ether	2.19	74	13928	20.621	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19138	19.305	ug/l	99
10) Methyl Iodide	2.51	142	22310	18.568	ug/l	99
11) Tert butyl alcohol	3.07	59	36424	101.171	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18376	19.017	ug/l	91
13) Acrolein	2.29	56	23372	144.877	ug/l	100
14) Allyl chloride	2.73	41	42178	19.544	ug/l	99
15) Acrylonitrile	3.14	53	78056	104.617	ug/l	99
16) Acetone	2.45	43	69446	102.627	ug/l	100
17) Carbon Disulfide	2.57	76	52579	18.243	ug/l	100
18) Methyl Acetate	2.78	43	39405	20.865	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	68657	20.818	ug/l	99
20) Methylene Chloride	2.86	84	22054	19.841	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	19609	19.240	ug/l	97
22) Diisopropyl ether	3.88	45	72051	19.059	ug/l	# 88
23) Vinyl Acetate	3.82	43	307920	94.995	ug/l	99
24) 1,1-Dichloroethane	3.70	63	37891	18.786	ug/l	100
25) 2-Butanone	4.70	43	102919	96.741	ug/l	93
26) 2,2-Dichloropropane	4.57	77	22543	15.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	20842	18.520	ug/l	97
28) Bromochloromethane	5.02	49	19315	21.427	ug/l	100
29) Tetrahydrofuran	5.16	42	65268	95.550	ug/l	99
30) Chloroform	5.21	83	36443	18.728	ug/l	90
31) Cyclohexane	5.59	56	32766	18.715	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	31854	19.626	ug/l	98
36) 1,1-Dichloropropene	5.80	75	26269	18.506	ug/l	98
37) Ethyl Acetate	4.86	43	36661	19.640	ug/l	99
38) Carbon Tetrachloride	5.79	117	27607	19.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29194	20.292	ug/l	94
40) Benzene	6.15	78	83516	20.182	ug/l	100
41) Methacrylonitrile	5.05	41	21183	21.002	ug/l	97
42) 1,2-Dichloroethane	6.20	62	29641	19.998	ug/l	99
43) Isopropyl Acetate	6.46	43	51217	18.936	ug/l	99
44) Trichloroethene	7.21	130	21693	20.642	ug/l	86
45) 1,2-Dichloropropane	7.52	63	20588	20.498	ug/l	99
46) Dibromomethane	7.66	93	13358	21.194	ug/l	99
47) Bromodichloromethane	7.90	83	25724	21.596	ug/l	98
48) Methyl methacrylate	7.77	41	26182	21.558	ug/l	98
49) 1,4-Dioxane	7.75	88	11323	432.656	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	180958	106.154	ug/l	100
52) Toluene	8.79	92	47708	20.628	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	26626	18.942	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	29554	20.628	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	20114	19.514	ug/l	97
56) Ethyl methacrylate	9.18	69	29614	19.202	ug/l	100
57) 1,3-Dichloropropane	9.37	76	33535	19.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	84069	105.003	ug/l	100
59) 2-Hexanone	9.49	43	141286	94.028	ug/l	99
60) Dibromochloromethane	9.59	129	20802	18.674	ug/l	98
61) 1,2-Dibromoethane	9.67	107	20749	18.205	ug/l	98
64) Tetrachloroethene	9.34	164	23428	20.664	ug/l	98
65) Chlorobenzene	10.14	112	53754	20.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	19444	20.965	ug/l	99
67) Ethyl Benzene	10.25	91	89937	21.024	ug/l	100
68) m/p-Xylenes	10.36	106	69897	42.837	ug/l	100
69) o-Xylene	10.70	106	33342	22.788	ug/l	99
70) Styrene	10.71	104	55974	23.191	ug/l	99
71) Bromoform	10.86	173	16666	21.436	ug/l #	99
73) Isopropylbenzene	11.02	105	92065	21.867	ug/l	100
74) N-amyl acetate	10.90	43	44116	19.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	31736	20.536	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	31191m	21.040	ug/l	
77) Bromobenzene	11.26	156	24924	21.003	ug/l	99
78) n-propylbenzene	11.36	91	106391	21.441	ug/l	99
79) 2-Chlorotoluene	11.42	91	63784	21.267	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	77877	21.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8618	18.528	ug/l	96
82) 4-Chlorotoluene	11.51	91	75691	21.414	ug/l	99
83) tert-Butylbenzene	11.77	119	75532	20.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81263	20.510	ug/l	99
85) sec-Butylbenzene	11.94	105	93200	21.056	ug/l	99
86) p-Isopropyltoluene	12.07	119	83740	21.358	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45338	19.907	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46349	19.880	ug/l	99
89) n-Butylbenzene	12.39	91	70933	19.521	ug/l	99
90) Hexachloroethane	12.60	117	13099	20.011	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	45520	19.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7930	21.028	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	33343	20.760	ug/l	100
94) Hexachlorobutadiene	13.78	225	16538	19.602	ug/l	98
95) Naphthalene	13.83	128	100301	19.875	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34296	20.960	ug/l	100

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

