

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007610.D
 Acq On : 19 Feb 2019 13:50
 Operator : JC/SP
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:34:37 AM

Quant Time: Feb 20 04:35:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	405411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	563968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	280804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214966	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.50	113	195311	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	704724	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.13	95	248345	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83268	16.832	ug/l	97
3) Chloromethane	1.33	50	78646	17.223	ug/l	99
4) Vinyl Chloride	1.41	62	84622	18.890	ug/l	99
5) Bromomethane	1.64	94	77407	17.153	ug/l	100
6) Chloroethane	1.72	64	55254	19.067	ug/l	98
7) Trichlorofluoromethane	1.93	101	131298	18.736	ug/l	100
8) Diethyl Ether	2.19	74	51046	19.353	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73255	17.573	ug/l	98
10) Methyl Iodide	2.51	142	96217	15.691	ug/l	98
11) Tert butyl alcohol	3.07	59	95845	107.627	ug/l	99
12) 1,1-Dichloroethene	2.38	96	68637	17.732	ug/l	99
13) Acrolein	2.29	56	46267	110.794	ug/l	97
14) Allyl chloride	2.73	41	116054	18.401	ug/l	99
15) Acrylonitrile	3.15	53	219490	99.633	ug/l	99
16) Acetone	2.45	43	192672	97.746	ug/l	96
17) Carbon Disulfide	2.57	76	151414	16.445	ug/l	98
18) Methyl Acetate	2.78	43	129354	25.481	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	238382	19.009	ug/l	100
20) Methylene Chloride	2.86	84	80596	19.780	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70981	17.214	ug/l	96
22) Diisopropyl ether	3.87	45	235854	20.330	ug/l	95
23) Vinyl Acetate	3.82	43	952125	98.900	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131453	19.730	ug/l	98
25) 2-Butanone	4.70	43	305253	108.818	ug/l	99
26) 2,2-Dichloropropane	4.58	77	89879	17.714	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	86899	19.295	ug/l	98
28) Bromochloromethane	5.02	49	63220	20.634	ug/l	98
29) Tetrahydrofuran	5.15	42	195092	110.580	ug/l	99
30) Chloroform	5.21	83	144219	20.744	ug/l	99
31) Cyclohexane	5.58	56	101200	16.912	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	119996	20.448	ug/l	99
36) 1,1-Dichloropropene	5.80	75	96527	17.642	ug/l	99
37) Ethyl Acetate	4.86	43	111142	20.095	ug/l	99
38) Carbon Tetrachloride	5.78	117	103912	19.576	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109057	16.474	ug/l	98
40) Benzene	6.14	78	305863	18.977	ug/l	98
41) Methacrylonitrile	5.06	41	60588	20.439	ug/l	97
42) 1,2-Dichloroethane	6.20	62	107086	19.203	ug/l	96
43) Isopropyl Acetate	6.46	43	174523	20.443	ug/l	99
44) Trichloroethene	7.21	130	88019	18.133	ug/l	98
45) 1,2-Dichloropropane	7.51	63	80106	19.837	ug/l	95
46) Dibromomethane	7.66	93	56287	19.178	ug/l	98
47) Bromodichloromethane	7.90	83	101336	20.373	ug/l	98
48) Methyl methacrylate	7.77	41	88668	20.764	ug/l	99
49) 1,4-Dioxane	7.75	88	43618	452.938	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	600158	106.790	ug/l	99
52) Toluene	8.79	92	198603	19.099	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101581	19.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	115606	19.675	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	87090	20.092	ug/l	98
56) Ethyl methacrylate	9.18	69	118332	19.711	ug/l	99
57) 1,3-Dichloropropane	9.37	76	137673	19.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	312501	98.758	ug/l	99
59) 2-Hexanone	9.49	43	453602	103.721	ug/l	100
60) Dibromochloromethane	9.58	129	83476	20.362	ug/l	96
61) 1,2-Dibromoethane	9.67	107	91691	19.975	ug/l	98
64) Tetrachloroethene	9.34	164	87184	16.402	ug/l	96
65) Chlorobenzene	10.14	112	229700	18.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	82731	20.051	ug/l	98
67) Ethyl Benzene	10.25	91	372525	18.797	ug/l	100
68) m/p-Xylenes	10.36	106	288518	36.622	ug/l	99
69) o-Xylene	10.69	106	141524	18.669	ug/l	100
70) Styrene	10.71	104	232952	18.948	ug/l	100
71) Bromoform	10.85	173	62115	19.810	ug/l #	98
73) Isopropylbenzene	11.02	105	378321	19.826	ug/l	99
74) N-amyl acetate	10.90	43	152819	20.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127663	21.952	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	105252m	19.270	ug/l	
77) Bromobenzene	11.26	156	104395	19.417	ug/l	99
78) n-propylbenzene	11.36	91	418943	20.021	ug/l	99
79) 2-Chlorotoluene	11.42	91	252773	19.909	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	308218	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31434	20.513	ug/l	95
82) 4-Chlorotoluene	11.51	91	285067	19.404	ug/l	98
83) tert-Butylbenzene	11.77	119	308189	19.939	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	319143	20.136	ug/l	99
85) sec-Butylbenzene	11.94	105	368635	19.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	328692	19.464	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180664	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182720	18.665	ug/l	98
89) n-Butylbenzene	12.38	91	271931	18.719	ug/l	99
90) Hexachloroethane	12.60	117	52564	20.798	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184969	19.262	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25258	20.888	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117668	18.170	ug/l	98
94) Hexachlorobutadiene	13.78	225	57211	18.194	ug/l	99
95) Naphthalene	13.83	128	369425	19.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121237	18.599	ug/l	99

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

