

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013525.D
 Acq On : 22 Nov 2019 12:06
 Operator : JC/SP
 Sample : VX1122WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:31 AM

Quant Time: Nov 22 14:23:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	715730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1111475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	981208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	385131	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	5.48	113	316516	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	8.71	98	1188160	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
62) 4-Bromofluorobenzene	11.14	95	425101	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125089	15.168	ug/l	99
3) Chloromethane	1.32	50	137958	15.426	ug/l	98
4) Vinyl Chloride	1.40	62	166820	16.385	ug/l	99
5) Bromomethane	1.63	94	97986	13.811	ug/l	99
6) Chloroethane	1.72	64	95514	15.592	ug/l	99
7) Trichlorofluoromethane	1.92	101	195007	16.212	ug/l	96
8) Diethyl Ether	2.18	74	92301	17.353	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123583	18.433	ug/l	97
10) Methyl Iodide	2.50	142	122079	14.708	ug/l	96
11) Tert butyl alcohol	3.03	59	173441	77.606	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116928	17.810	ug/l	99
13) Acrolein	2.28	56	81273	67.099	ug/l	96
14) Allyl chloride	2.72	41	212209	17.790	ug/l	96
15) Acrylonitrile	3.13	53	401927	96.277	ug/l	99
16) Acetone	2.43	43	428651	101.351	ug/l	100
17) Carbon Disulfide	2.56	76	267427	15.219	ug/l	98
18) Methyl Acetate	2.76	43	231559	19.832	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	421879	19.266	ug/l	97
20) Methylene Chloride	2.84	84	140045	17.922	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	126703	17.725	ug/l	95
22) Diisopropyl ether	3.84	45	454615	19.740	ug/l	99
23) Vinyl Acetate	3.80	43	1771848	89.911	ug/l	100
24) 1,1-Dichloroethane	3.69	63	240040	18.632	ug/l	98
25) 2-Butanone	4.65	43	601213	96.899	ug/l	99
26) 2,2-Dichloropropane	4.57	77	192552	18.788	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	150198	18.757	ug/l	99
28) Bromochloromethane	5.00	49	69007	18.865	ug/l	98
29) Tetrahydrofuran	5.11	42	358083	93.654	ug/l	99
30) Chloroform	5.20	83	237771	18.691	ug/l	95
31) Cyclohexane	5.57	56	201766	17.405	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	198072	18.092	ug/l	100
36) 1,1-Dichloropropene	5.79	75	170747	17.907	ug/l	99
37) Ethyl Acetate	4.82	43	209926	17.817	ug/l	99
38) Carbon Tetrachloride	5.78	117	167936	18.011	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203789	17.153	ug/l	99
40) Benzene	6.13	78	534821	18.006	ug/l	99
41) Methacrylonitrile	5.03	41	120316	18.219	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191804	17.903	ug/l	97
43) Isopropyl Acetate	6.43	43	337971	18.421	ug/l	98
44) Trichloroethene	7.21	130	145822	17.836	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137708	18.197	ug/l	95
46) Dibromomethane	7.65	93	89180	17.259	ug/l	95
47) Bromodichloromethane	7.89	83	181405	18.618	ug/l	98
48) Methyl methacrylate	7.76	41	169162	18.471	ug/l	97
49) 1,4-Dioxane	7.73	88	67089	319.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1107094	91.973	ug/l	99
52) Toluene	8.78	92	337151	18.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	198288	18.611	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	218260	18.313	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	144029	18.876	ug/l	99
56) Ethyl methacrylate	9.17	69	224753	18.277	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240458	18.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460478	88.262	ug/l	100
59) 2-Hexanone	9.48	43	865879	93.085	ug/l	98
60) Dibromochloromethane	9.57	129	143167	18.346	ug/l	98
61) 1,2-Dibromoethane	9.67	107	144354	17.816	ug/l	97
64) Tetrachloroethene	9.33	164	147390	20.983	ug/l	97
65) Chlorobenzene	10.14	112	365087	18.378	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	136904	18.770	ug/l	100
67) Ethyl Benzene	10.25	91	634774	18.515	ug/l	99
68) m/p-Xylenes	10.35	106	481544	37.138	ug/l	100
69) o-Xylene	10.70	106	238737	18.807	ug/l	96
70) Styrene	10.71	104	402504	18.968	ug/l	98
71) Bromoform	10.85	173	112330	18.748	ug/l #	98
73) Isopropylbenzene	11.01	105	641198	20.140	ug/l	100
74) N-amyl acetate	10.89	43	289143	19.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	231246	19.910	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	212329m	21.770	ug/l	
77) Bromobenzene	11.25	156	168054	19.800	ug/l	98
78) n-propylbenzene	11.35	91	691466	19.497	ug/l	98
79) 2-Chlorotoluene	11.42	91	422318	19.764	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	525543	19.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68328	18.032	ug/l	99
82) 4-Chlorotoluene	11.51	91	475682	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	517007	19.367	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	525517	19.755	ug/l	99
85) sec-Butylbenzene	11.94	105	607007	19.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	558215	19.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286257	18.921	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283461	18.390	ug/l	99
89) n-Butylbenzene	12.39	91	461519	18.722	ug/l	99
90) Hexachloroethane	12.59	117	97169	19.304	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	292460	19.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48533	17.151	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	13.64	180	191520	18.156	ug/l	100
94) Hexachlorobutadiene	13.78	225	93134	18.046	ug/l	99
95) Naphthalene	13.83	128	610234	18.438	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194325	18.369	ug/l	99

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

