

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007083.D
 Acq On : 17 Jan 2019 12:43
 Operator : JC/SP
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:34 AM

Quant Time: Jan 18 05:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	542054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	792148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	720099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282646	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	249367	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	937704	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	333524	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	90123	20.246	ug/l 97
3) Chloromethane	1.33	50	107111	20.670	ug/l 99
4) Vinyl Chloride	1.41	62	118277	21.219	ug/l 100
5) Bromomethane	1.64	94	108788	18.267	ug/l 97
6) Chloroethane	1.71	64	83641	21.489	ug/l 94
7) Trichlorofluoromethane	1.93	101	197481	21.926	ug/l 94
8) Diethyl Ether	2.19	74	74108	20.682	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109358	20.281	ug/l 99
10) Methyl Iodide	2.51	142	154478	21.238	ug/l 97
11) Tert butyl alcohol	3.08	59	131238	98.209	ug/l 100
12) 1,1-Dichloroethene	2.37	96	101532	20.380	ug/l 97
13) Acrolein	2.30	56	80980	141.860	ug/l 99
14) Allyl chloride	2.73	41	174498	20.438	ug/l 98
15) Acrylonitrile	3.15	53	322093	104.995	ug/l 99
16) Acetone	2.45	43	292247	104.353	ug/l 96
17) Carbon Disulfide	2.57	76	205199	15.998	ug/l 100
18) Methyl Acetate	2.78	43	179687	22.156	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	363919	21.046	ug/l 97
20) Methylene Chloride	2.86	84	114109	21.095	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	103671	18.673	ug/l 98
22) Diisopropyl ether	3.87	45	320253	19.952	ug/l 94
23) Vinyl Acetate	3.82	43	1284967	94.926	ug/l 99
24) 1,1-Dichloroethane	3.70	63	174243	19.413	ug/l 99
25) 2-Butanone	4.70	43	393467	98.190	ug/l 99
26) 2,2-Dichloropropane	4.59	77	121006	17.533	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	115361	18.838	ug/l 99
28) Bromochloromethane	5.02	49	76044	19.338	ug/l 95
29) Tetrahydrofuran	5.15	42	257622	98.926	ug/l 97
30) Chloroform	5.21	83	183277	19.503	ug/l 98
31) Cyclohexane	5.57	56	147760	18.497	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	149850	18.813	ug/l 98
36) 1,1-Dichloropropene	5.80	75	128927	18.720	ug/l 98
37) Ethyl Acetate	4.85	43	148584	20.124	ug/l 98
38) Carbon Tetrachloride	5.79	117	128288	18.514	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162078	18.460	ug/l	99
40) Benzene	6.14	78	414799	19.739	ug/l	99
41) Methacrylonitrile	5.06	41	81117	19.071	ug/l	98
42) 1,2-Dichloroethane	6.20	62	140706	19.376	ug/l	100
43) Isopropyl Acetate	6.46	43	233387	20.039	ug/l	98
44) Trichloroethene	7.21	130	120171	19.083	ug/l	93
45) 1,2-Dichloropropane	7.52	63	101655	19.241	ug/l	97
46) Dibromomethane	7.66	93	71697	19.310	ug/l	95
47) Bromodichloromethane	7.90	83	118717	18.784	ug/l	99
48) Methyl methacrylate	7.77	41	120920	20.217	ug/l	96
49) 1,4-Dioxane	7.75	88	47821	344.490	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	777504	103.878	ug/l	99
52) Toluene	8.78	92	267279	19.789	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	129606	18.494	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	144722	18.699	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114081	21.102	ug/l	99
56) Ethyl methacrylate	9.18	69	159159	20.166	ug/l	94
57) 1,3-Dichloropropane	9.37	76	180263	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	423879	104.456	ug/l	99
59) 2-Hexanone	9.49	43	582340	102.096	ug/l	99
60) Dibromochloromethane	9.59	129	101445	19.324	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122167	20.526	ug/l	98
64) Tetrachloroethene	9.34	164	127779	20.496	ug/l	96
65) Chlorobenzene	10.14	112	309279	19.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106614	20.179	ug/l	97
67) Ethyl Benzene	10.25	91	506630	19.540	ug/l	100
68) m/p-Xylenes	10.36	106	400200	39.176	ug/l	99
69) o-Xylene	10.70	106	197448	19.819	ug/l	98
70) Styrene	10.71	104	318229	20.168	ug/l	99
71) Bromoform	10.86	173	72580	18.630	ug/l	98
73) Isopropylbenzene	11.02	105	531395	20.388	ug/l	99
74) N-amyl acetate	10.90	43	205433	19.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161937	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147820m	19.734	ug/l	
77) Bromobenzene	11.26	156	144233	20.083	ug/l	99
78) n-propylbenzene	11.36	91	578731	20.226	ug/l	100
79) 2-Chlorotoluene	11.42	91	343966	19.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	425949	19.558	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35667	17.065	ug/l	88
82) 4-Chlorotoluene	11.51	91	396496	19.882	ug/l	100
83) tert-Butylbenzene	11.77	119	427725	19.684	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	443231	20.238	ug/l	100
85) sec-Butylbenzene	11.94	105	520798	20.069	ug/l	99
86) p-Isopropyltoluene	12.06	119	466482	20.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	253188	19.505	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	253254	20.677	ug/l	99
89) n-Butylbenzene	12.39	91	396118	20.019	ug/l	99
90) Hexachloroethane	12.60	117	61773	18.609	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	254214	19.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29662	18.125	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	174029	19.801	ug/l	99
94) Hexachlorobutadiene	13.78	225	80527	20.647	ug/l	98
95) Naphthalene	13.83	128	541845	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	175066	20.052	ug/l	99

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

