

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011574.D
 Acq On : 16 Aug 2019 12:29
 Operator : JC/SP
 Sample : VX0816WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:49 AM

Quant Time: Aug 19 01:30:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	371491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	245501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	158931	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.49	113	149160	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	487873	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.13	95	199035	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	72779	19.931	ug/l	98
3) Chloromethane	1.32	50	61157	16.125	ug/l	99
4) Vinyl Chloride	1.40	62	59389	17.335	ug/l	100
5) Bromomethane	1.63	94	34291	22.338	ug/l	97
6) Chloroethane	1.71	64	28871	17.805	ug/l	98
7) Trichlorofluoromethane	1.92	101	84460	17.798	ug/l	98
8) Diethyl Ether	2.18	74	25960	15.948	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50223	15.323	ug/l	98
10) Methyl Iodide	2.50	142	75133	16.091	ug/l	97
11) Tert butyl alcohol	3.03	59	68989	81.626	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45961	14.510	ug/l	100
13) Acrolein	2.28	56	20818	88.334	ug/l	98
14) Allyl chloride	2.72	41	89144	16.918	ug/l	97
15) Acrylonitrile	3.13	53	165099	85.351	ug/l	99
16) Acetone	2.43	43	143441	82.806	ug/l	98
17) Carbon Disulfide	2.56	76	127474	17.079	ug/l	99
18) Methyl Acetate	2.76	43	92324	17.185	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	179156	17.366	ug/l	99
20) Methylene Chloride	2.85	84	61416	16.886	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	57882	17.244	ug/l	97
22) Diisopropyl ether	3.84	45	184298	17.563	ug/l	95
23) Vinyl Acetate	3.81	43	722604	86.961	ug/l	99
24) 1,1-Dichloroethane	3.68	63	100140	16.879	ug/l	99
25) 2-Butanone	4.66	43	228836	84.147	ug/l	100
26) 2,2-Dichloropropane	4.57	77	78947	17.680	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	66398	16.968	ug/l	99
28) Bromochloromethane	5.00	49	45897	17.622	ug/l	98
29) Tetrahydrofuran	5.12	42	148625	83.314	ug/l	99
30) Chloroform	5.20	83	108722	17.364	ug/l	97
31) Cyclohexane	5.57	56	90439	17.705	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	92738	17.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	77775	17.854	ug/l	99
37) Ethyl Acetate	4.82	43	86670	17.298	ug/l	99
38) Carbon Tetrachloride	5.78	117	81807	17.046	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95764	17.802	ug/l	95
40) Benzene	6.13	78	235155	17.371	ug/l	100
41) Methacrylonitrile	5.03	41	46940	17.023	ug/l	96
42) 1,2-Dichloroethane	6.18	62	84390	17.994	ug/l	99
43) Isopropyl Acetate	6.43	43	130444	16.683	ug/l	99
44) Trichloroethene	7.21	130	70439	17.541	ug/l	97
45) 1,2-Dichloropropane	7.51	63	59664	17.673	ug/l	92
46) Dibromomethane	7.66	93	40627	16.560	ug/l	98
47) Bromodichloromethane	7.89	83	75084	16.669	ug/l	98
48) Methyl methacrylate	7.76	41	65855	17.007	ug/l	99
49) 1,4-Dioxane	7.73	88	34164	331.721	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	449783	87.883	ug/l	98
52) Toluene	8.78	92	152270	17.656	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79576	17.022	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90788	17.745	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	64336	17.543	ug/l	98
56) Ethyl methacrylate	9.17	69	93119	17.470	ug/l	99
57) 1,3-Dichloropropane	9.37	76	100865	17.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	236977	89.226	ug/l	100
59) 2-Hexanone	9.49	43	337773	85.583	ug/l	100
60) Dibromochloromethane	9.58	129	66948	17.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	68417	17.480	ug/l	100
64) Tetrachloroethene	9.33	164	66687	17.782	ug/l	97
65) Chlorobenzene	10.13	112	172302	17.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	65048	17.851	ug/l	98
67) Ethyl Benzene	10.25	91	288714	17.745	ug/l	100
68) m/p-Xylenes	10.35	106	226230	36.223	ug/l	99
69) o-Xylene	10.69	106	109895	17.964	ug/l	97
70) Styrene	10.71	104	181968	17.669	ug/l	100
71) Bromoform	10.85	173	52803	17.222	ug/l #	97
73) Isopropylbenzene	11.01	105	297733	18.690	ug/l	99
74) N-amyl acetate	10.90	43	114776	16.954	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	96784	17.661	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	82181m	17.653	ug/l	
77) Bromobenzene	11.25	156	85122	17.960	ug/l	99
78) n-propylbenzene	11.35	91	320449	18.655	ug/l	100
79) 2-Chlorotoluene	11.42	91	193514	18.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	252170	18.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25181	17.824	ug/l	93
82) 4-Chlorotoluene	11.51	91	225450	18.423	ug/l	100
83) tert-Butylbenzene	11.77	119	251442	18.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	254330	18.931	ug/l	99
85) sec-Butylbenzene	11.94	105	287420	18.692	ug/l	99
86) p-Isopropyltoluene	12.06	119	279027	19.288	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	147111	18.058	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	148175	17.946	ug/l	99
89) n-Butylbenzene	12.38	91	218622	18.382	ug/l	100
90) Hexachloroethane	12.59	117	40240	17.615	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	147938	18.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20294	16.187	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108377	17.786	ug/l	99
94) Hexachlorobutadiene	13.78	225	61493	18.534	ug/l	99
95) Naphthalene	13.83	128	301084	17.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108604	17.671	ug/l	98

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

