

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011449.D
 Acq On : 11 Aug 2019 23:15
 Operator : JC/SP
 Sample : VX0811WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:30:04 AM

Quant Time: Aug 12 08:19:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	98031	59.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.48%	
35) Dibromofluoromethane	5.49	113	85554	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	8.71	98	316623	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.13	95	116594	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	23954	19.033	ug/l	100
3) Chloromethane	1.32	50	26036	18.422	ug/l	98
4) Vinyl Chloride	1.40	62	28772	18.507	ug/l	99
5) Bromomethane	1.63	94	21063	18.997	ug/l	98
6) Chloroethane	1.71	64	19160	18.244	ug/l	99
7) Trichlorofluoromethane	1.92	101	52452	18.975	ug/l	100
8) Diethyl Ether	2.18	74	18491	18.734	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29571	19.771	ug/l	98
10) Methyl Iodide	2.50	142	34810	18.460	ug/l	97
11) Tert butyl alcohol	3.04	59	43261	132.212	ug/l	97
12) 1,1-Dichloroethene	2.37	96	29240	19.722	ug/l	94
13) Acrolein	2.29	56	9356	45.661	ug/l	94
14) Allyl chloride	2.72	41	42340	21.421	ug/l	97
15) Acrylonitrile	3.14	53	85600	109.618	ug/l	98
16) Acetone	2.43	43	75621	96.813	ug/l	99
17) Carbon Disulfide	2.56	76	64116	18.428	ug/l	97
18) Methyl Acetate	2.76	43	41485	23.240	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	96723	22.137	ug/l	96
20) Methylene Chloride	2.85	84	34532	20.187	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	30860	19.677	ug/l	89
22) Diisopropyl ether	3.85	45	93805	21.594	ug/l	98
23) Vinyl Acetate	3.81	43	394202	109.409	ug/l	98
24) 1,1-Dichloroethane	3.69	63	55295	21.587	ug/l	99
25) 2-Butanone	4.66	43	117980	106.182	ug/l	96
26) 2,2-Dichloropropane	4.57	77	30375	15.254	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	37000	20.482	ug/l	98
28) Bromochloromethane	5.01	49	26105	22.355	ug/l #	95
29) Tetrahydrofuran	5.12	42	72277	106.090	ug/l	99
30) Chloroform	5.20	83	61218	21.989	ug/l	97
31) Cyclohexane	5.57	56	42198	19.968	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	52409	21.975	ug/l	98
36) 1,1-Dichloropropene	5.80	75	40536	18.913	ug/l	99
37) Ethyl Acetate	4.82	43	44692	20.788	ug/l	100
38) Carbon Tetrachloride	5.78	117	44831	20.790	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45518	17.917	ug/l	98
40) Benzene	6.13	78	127877	19.994	ug/l	96
41) Methacrylonitrile	5.03	41	24579	20.934	ug/l	96
42) 1,2-Dichloroethane	6.18	62	48322	22.343	ug/l	98
43) Isopropyl Acetate	6.44	43	71585	20.826	ug/l	99
44) Trichloroethene	7.21	130	37345	19.290	ug/l	83
45) 1,2-Dichloropropane	7.51	63	33233	20.063	ug/l	94
46) Dibromomethane	7.66	93	24712	20.437	ug/l	95
47) Bromodichloromethane	7.90	83	42988	20.998	ug/l	99
48) Methyl methacrylate	7.76	41	35104	21.701	ug/l	97
49) 1,4-Dioxane	7.73	88	18075	385.431	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	237133	106.901	ug/l	99
52) Toluene	8.78	92	85044	20.111	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	42548	19.671	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	46980	19.645	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	36245	20.846	ug/l	96
56) Ethyl methacrylate	9.18	69	52064	21.013	ug/l	97
57) 1,3-Dichloropropane	9.37	76	56827	20.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	128531	105.504	ug/l	98
59) 2-Hexanone	9.49	43	183819	106.985	ug/l	99
60) Dibromochloromethane	9.58	129	36862	20.708	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38429	20.458	ug/l	97
64) Tetrachloroethene	9.34	164	38886	20.188	ug/l	97
65) Chlorobenzene	10.13	112	95593	19.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35402	21.263	ug/l	100
67) Ethyl Benzene	10.25	91	166323	20.421	ug/l	98
68) m/p-Xylenes	10.35	106	125962	39.984	ug/l	97
69) o-Xylene	10.69	106	60363	19.501	ug/l	96
70) Styrene	10.71	104	104655	20.434	ug/l	98
71) Bromoform	10.85	173	26266	19.479	ug/l #	98
73) Isopropylbenzene	11.02	105	165438	20.133	ug/l	99
74) N-amyl acetate	10.90	43	63881	21.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	56353	20.579	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	47131m	21.541	ug/l	
77) Bromobenzene	11.25	156	45443	19.944	ug/l	96
78) n-propylbenzene	11.36	91	182656	19.989	ug/l	99
79) 2-Chlorotoluene	11.42	91	111193	20.415	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	139407	20.267	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12203	18.072	ug/l	89
82) 4-Chlorotoluene	11.51	91	129215	20.357	ug/l	99
83) tert-Butylbenzene	11.77	119	134683	19.964	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	141653	20.684	ug/l	99
85) sec-Butylbenzene	11.94	105	162826	20.088	ug/l	100
86) p-Isopropyltoluene	12.06	119	148933	19.973	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81040	20.129	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	80340	19.352	ug/l	97
89) n-Butylbenzene	12.38	91	123800	19.271	ug/l	99
90) Hexachloroethane	12.59	117	21653	19.641	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	82046	20.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11392	21.473	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	54122	20.174	ug/l	97
94) Hexachlorobutadiene	13.78	225	26891	19.757	ug/l	99
95) Naphthalene	13.83	128	160916	20.511	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54912	20.134	ug/l	100

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

