

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014525.D
 Acq On : 10 Jan 2020 10:16
 Operator : JC/SP
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:31 AM

Quant Time: Jan 10 12:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	739681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	662884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	264552	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	221438	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	866155	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	303333	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	120093	19.483	ug/l	98
3) Chloromethane	1.32	50	124099	19.453	ug/l	99
4) Vinyl Chloride	1.40	62	144142	20.277	ug/l	100
5) Bromomethane	1.64	94	77761	16.502	ug/l	97
6) Chloroethane	1.72	64	79132	19.646	ug/l	98
7) Trichlorofluoromethane	1.92	101	150137	18.618	ug/l	98
8) Diethyl Ether	2.18	74	67519	18.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92374	18.829	ug/l	99
10) Methyl Iodide	2.50	142	102836	17.505	ug/l	100
11) Tert butyl alcohol	3.02	59	107183	91.881	ug/l	96
12) 1,1-Dichloroethene	2.37	96	92073	18.627	ug/l	98
13) Acrolein	2.28	56	65164	69.693	ug/l	99
14) Allyl chloride	2.72	41	160203	18.461	ug/l	99
15) Acrylonitrile	3.13	53	263615	93.630	ug/l	99
16) Acetone	2.43	43	282460	98.296	ug/l	98
17) Carbon Disulfide	2.56	76	236890	17.176	ug/l	99
18) Methyl Acetate	2.76	43	158798	19.776	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	299275	18.861	ug/l	100
20) Methylene Chloride	2.85	84	104390	18.573	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	97764	18.117	ug/l	98
22) Diisopropyl ether	3.84	45	326205	19.451	ug/l	91
23) Vinyl Acetate	3.80	43	1256307	96.757	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176177	19.311	ug/l	99
25) 2-Butanone	4.65	43	390872	93.660	ug/l	99
26) 2,2-Dichloropropane	4.57	77	138534	17.925	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	111481	18.480	ug/l	99
28) Bromochloromethane	5.01	49	73781	19.193	ug/l	95
29) Tetrahydrofuran	5.11	42	229975	93.205	ug/l	99
30) Chloroform	5.19	83	171716	19.262	ug/l	99
31) Cyclohexane	5.57	56	164685	19.285	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	143154	18.760	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129612	18.633	ug/l	100
37) Ethyl Acetate	4.81	43	139014	18.399	ug/l	99
38) Carbon Tetrachloride	5.77	117	123515	19.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169303	19.373	ug/l	97
40) Benzene	6.14	78	402710	19.506	ug/l	98
41) Methacrylonitrile	5.03	41	76361	18.952	ug/l	98
42) 1,2-Dichloroethane	6.18	62	139738	19.358	ug/l	98
43) Isopropyl Acetate	6.43	43	233938	19.166	ug/l	99
44) Trichloroethene	7.20	130	111476	18.789	ug/l	95
45) 1,2-Dichloropropane	7.51	63	102532	19.480	ug/l	98
46) Dibromomethane	7.65	93	65997	17.965	ug/l	98
47) Bromodichloromethane	7.89	83	129774	19.413	ug/l	99
48) Methyl methacrylate	7.76	41	113760	19.460	ug/l	98
49) 1,4-Dioxane	7.73	88	48877	394.590	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	728595	97.959	ug/l	98
52) Toluene	8.78	92	252571	19.111	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140429	18.044	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	160992	19.150	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102022	19.219	ug/l	97
56) Ethyl methacrylate	9.17	69	155663	19.141	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171297	19.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	266339	96.256	ug/l	99
59) 2-Hexanone	9.48	43	563643	95.775	ug/l	100
60) Dibromochloromethane	9.57	129	102876	19.281	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106872	19.006	ug/l	97
64) Tetrachloroethene	9.33	164	121061	18.222	ug/l	99
65) Chlorobenzene	10.13	112	267305	18.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	97288	18.950	ug/l	99
67) Ethyl Benzene	10.25	91	477561	19.477	ug/l	99
68) m/p-Xylenes	10.35	106	362921	38.366	ug/l	98
69) o-Xylene	10.69	106	174601	19.345	ug/l	100
70) Styrene	10.71	104	299303	19.216	ug/l	99
71) Bromoform	10.85	173	75656	18.012	ug/l #	99
73) Isopropylbenzene	11.01	105	465768	19.891	ug/l	99
74) N-amyl acetate	10.89	43	198365	19.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	147951	19.703	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	127787m	18.522	ug/l	
77) Bromobenzene	11.25	156	120877	18.615	ug/l	99
78) n-propylbenzene	11.35	91	523213	19.511	ug/l	99
79) 2-Chlorotoluene	11.42	91	314251	19.662	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	387472	19.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46305	17.744	ug/l	93
82) 4-Chlorotoluene	11.51	91	356160	18.985	ug/l	99
83) tert-Butylbenzene	11.76	119	366393	19.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	393219	20.017	ug/l	100
85) sec-Butylbenzene	11.94	105	452166	19.802	ug/l	99
86) p-Isopropyltoluene	12.06	119	413457	19.512	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211683	18.164	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	216715	19.436	ug/l	98
89) n-Butylbenzene	12.39	91	351482	18.142	ug/l	99
90) Hexachloroethane	12.59	117	69137	18.575	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	212599	18.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30768	18.215	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143164	17.793	ug/l	99
94) Hexachlorobutadiene	13.78	225	72782	19.430	ug/l	100
95) Naphthalene	13.83	128	420739	16.916	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	143713	18.101	ug/l	100

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

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