

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012978.D
 Acq On : 10 Oct 2019 06:06
 Operator : JC/SP
 Sample : K5260-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:50 AM

Quant Time: Oct 10 07:57:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107240	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	5.49	113	83293	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.71	98	313271	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	121062	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78269	49.294	ug/l	96
3) Chloromethane	1.32	50	91945	53.209	ug/l	98
4) Vinyl Chloride	1.40	62	93421	52.379	ug/l	99
5) Bromomethane	1.63	94	37314	50.328	ug/l	99
6) Chloroethane	1.71	64	57425	52.689	ug/l	99
7) Trichlorofluoromethane	1.92	101	126329	52.477	ug/l	100
8) Diethyl Ether	2.18	74	53844	55.413	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74693	47.942	ug/l	99
10) Methyl Iodide	2.50	142	96634	54.266	ug/l	100
11) Tert butyl alcohol	3.03	59	142757	276.601	ug/l	100
12) 1,1-Dichloroethene	2.36	96	81726	51.918	ug/l	96
13) Acrolein	2.28	56	83807	228.495	ug/l	99
14) Allyl chloride	2.72	41	149768	53.425	ug/l	97
15) Acrylonitrile	3.13	53	284810	291.196	ug/l	99
16) Acetone	2.44	43	256103	249.559	ug/l	100
17) Carbon Disulfide	2.56	76	224241	49.959	ug/l	100
18) Methyl Acetate	2.76	43	123356	50.713	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	313065	57.591	ug/l	97
20) Methylene Chloride	2.84	84	98980	52.481	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	91937	54.491	ug/l	98
22) Diisopropyl ether	3.84	45	304072	56.606	ug/l	96
23) Vinyl Acetate	3.80	43	1242053	267.844	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167818	55.533	ug/l	98
25) 2-Butanone	4.66	43	391998	275.329	ug/l	100
26) 2,2-Dichloropropane	4.57	77	92962	36.582	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	107809	55.435	ug/l	96
28) Bromochloromethane	5.01	49	50021	55.435	ug/l	100
29) Tetrahydrofuran	5.11	42	254894	290.934	ug/l	99
30) Chloroform	5.20	83	170724	55.058	ug/l	98
31) Cyclohexane	5.57	56	135251	47.864	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	146675	55.827	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124062	51.231	ug/l	99
37) Ethyl Acetate	4.82	43	139393	51.478	ug/l	99
38) Carbon Tetrachloride	5.78	117	121379	51.496	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	132675	45.177	ug/l	98
40) Benzene	6.14	78	381916	53.398	ug/l	100
41) Methacrylonitrile	5.03	41	80410	54.042	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140492	54.742	ug/l	99
43) Isopropyl Acetate	6.43	43	229990	52.918	ug/l	100
44) Trichloroethene	7.20	130	99563	50.200	ug/l	93
45) 1,2-Dichloropropane	7.51	63	98869	54.238	ug/l	99
46) Dibromomethane	7.65	93	67733	55.770	ug/l	98
47) Bromodichloromethane	7.89	83	130767	55.173	ug/l	99
48) Methyl methacrylate	7.76	41	116395	54.957	ug/l	99
49) 1,4-Dioxane	7.73	88	60297	1058.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	757628	279.597	ug/l	100
52) Toluene	8.78	92	238785	52.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136379	46.277	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	148485	50.938	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	99044	54.696	ug/l	98
56) Ethyl methacrylate	9.17	69	161731	49.882	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170739	54.508	ug/l	100
59) 2-Hexanone	9.49	43	576295	273.211	ug/l	98
60) Dibromochloromethane	9.58	129	100019	49.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104122	54.661	ug/l	99
64) Tetrachloroethene	9.33	164	93602	54.851	ug/l	98
65) Chlorobenzene	10.14	112	252341	51.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94378	55.712	ug/l	99
67) Ethyl Benzene	10.24	91	451758	52.054	ug/l	98
68) m/p-Xylenes	10.35	106	342187	105.542	ug/l	99
69) o-Xylene	10.70	106	165969	52.494	ug/l	99
70) Stvrene	10.71	104	295466	54.971	ug/l	99
71) Bromoform	10.85	173	68826	47.837	ug/l #	100
73) Isopropylbenzene	11.01	105	436580	51.762	ug/l	100
74) N-amyl acetate	10.89	43	190825	52.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153613	54.759	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	125817m	49.448	ug/l	
77) Bromobenzene	11.25	156	105213	52.937	ug/l	98
78) n-propylbenzene	11.35	91	480667	51.791	ug/l	98
79) 2-Chlorotoluene	11.42	91	299698	51.382	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371759	52.787	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	43816	44.749	ug/l	98
82) 4-Chlorotoluene	11.51	91	345944	51.746	ug/l	100
83) tert-Butylbenzene	11.76	119	352860	51.362	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	379253	53.172	ug/l	99
85) sec-Butylbenzene	11.94	105	408240	51.291	ug/l	99
86) p-Isopropyltoluene	12.06	119	379984	51.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	186824	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187930	50.276	ug/l	99
89) n-Butylbenzene	12.38	91	307387	49.546	ug/l	100
90) Hexachloroethane	12.59	117	64778	47.491	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	189458	52.360	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37854	57.572	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	113264	49.971	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48318	46.191	ug/l	99
95) Naphthalene	13.83	128	408425	51.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	118448	50.569	ug/l	100

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

