

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012976.D
 Acq On : 10 Oct 2019 05:20
 Operator : JC/SP
 Sample : K5259-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:40 AM

Quant Time: Oct 10 07:54:30 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	161536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110207	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.49	113	87032	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	8.71	98	327887	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	125969	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87267	52.999	ug/l	99
3) Chloromethane	1.31	50	96759	53.996	ug/l	99
4) Vinyl Chloride	1.40	62	98938	53.492	ug/l	99
5) Bromomethane	1.63	94	34266	44.567	ug/l	96
6) Chloroethane	1.71	64	63207	55.902	ug/l	97
7) Trichlorofluoromethane	1.92	101	137755	55.181	ug/l	97
8) Diethyl Ether	2.18	74	54370	53.957	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84452	52.271	ug/l	98
10) Methyl Iodide	2.50	142	97749	53.058	ug/l	99
11) Tert butyl alcohol	3.03	59	133528	249.484	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88502	54.216	ug/l	98
13) Acrolein	2.28	56	82962	218.117	ug/l	98
14) Allyl chloride	2.72	41	152391	52.421	ug/l	99
15) Acrylonitrile	3.13	53	284025	280.028	ug/l	100
16) Acetone	2.43	43	249522	234.467	ug/l	99
17) Carbon Disulfide	2.56	76	235909	50.683	ug/l	99
18) Methyl Acetate	2.76	43	121715	48.252	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	319593	56.693	ug/l	98
20) Methylene Chloride	2.84	84	103317	52.826	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	96516	55.163	ug/l	98
22) Diisopropyl ether	3.84	45	315439	56.626	ug/l	95
23) Vinyl Acetate	3.80	43	1228570	255.480	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176529	56.330	ug/l	99
25) 2-Butanone	4.66	43	386795	261.977	ug/l	96
26) 2,2-Dichloropropane	4.57	77	98217	37.270	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113556	56.306	ug/l	96
28) Bromochloromethane	5.00	49	55245	59.069	ug/l	99
29) Tetrahydrofuran	5.11	42	253754	279.294	ug/l	100
30) Chloroform	5.20	83	178727	55.582	ug/l	99
31) Cyclohexane	5.57	56	153096	52.245	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	155959	57.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	132543	53.195	ug/l	99
37) Ethyl Acetate	4.82	43	185509	66.583	ug/l	100
38) Carbon Tetrachloride	5.77	117	130023	53.613	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	148341	49.092	ug/l	98
40) Benzene	6.14	78	399965	54.350	ug/l	99
41) Methacrylonitrile	5.03	41	81036	52.932	ug/l	98
42) 1,2-Dichloroethane	6.18	62	144723	54.806	ug/l	99
43) Isopropyl Acetate	6.43	43	228225	51.037	ug/l	100
44) Trichloroethene	7.20	130	105838	51.864	ug/l	93
45) 1,2-Dichloropropane	7.51	63	103532	55.200	ug/l	96
46) Dibromomethane	7.65	93	68754	55.020	ug/l	99
47) Bromodichloromethane	7.89	83	136091	55.806	ug/l	98
48) Methyl methacrylate	7.76	41	118042	54.169	ug/l	99
49) 1,4-Dioxane	7.73	88	57659	986.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	752694	269.970	ug/l	100
52) Toluene	8.78	92	252251	53.579	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	139750	46.097	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153129	51.055	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102739	55.142	ug/l	98
56) Ethyl methacrylate	9.17	69	168844	50.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174468	54.134	ug/l	100
59) 2-Hexanone	9.48	43	578106	266.367	ug/l	100
60) Dibromochloromethane	9.57	129	104063	50.183	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107093	54.641	ug/l	100
64) Tetrachloroethene	9.33	164	104008	58.238	ug/l	94
65) Chlorobenzene	10.14	112	264788	51.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97680	55.096	ug/l	100
67) Ethyl Benzene	10.25	91	481463	53.009	ug/l	98
68) m/p-Xylenes	10.35	106	362859	106.940	ug/l	99
69) o-Xylene	10.70	106	175757	53.117	ug/l	100
70) Stvrene	10.71	104	305497	54.309	ug/l	100
71) Bromoform	10.85	173	69887	46.506	ug/l #	100
73) Isopropylbenzene	11.01	105	467013	53.812	ug/l	100
74) N-amyl acetate	10.89	43	187516	50.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157970	54.728	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	150952m	57.657	ug/l	
77) Bromobenzene	11.25	156	108556	53.082	ug/l	97
78) n-propylbenzene	11.35	91	520072	54.460	ug/l	98
79) 2-Chlorotoluene	11.42	91	318720	53.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	402849	55.592	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41575	41.583	ug/l	96
82) 4-Chlorotoluene	11.51	91	367684	53.450	ug/l	100
83) tert-Butylbenzene	11.76	119	384524	54.396	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	402525	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	440944	53.841	ug/l	99
86) p-Isopropyltoluene	12.06	119	402983	53.055	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196917	51.851	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	196523	51.095	ug/l	98
89) n-Butylbenzene	12.39	91	335942	52.625	ug/l	99
90) Hexachloroethane	12.59	117	68600	48.816	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197784	53.123	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36869	54.496	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	119467	51.224	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51967	48.281	ug/l	98
95) Naphthalene	13.83	128	423252	52.352	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	117354	48.692	ug/l	97

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

