

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012954.D
 Acq On : 09 Oct 2019 19:38
 Operator : JC/SP
 Sample : K5234-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7106BMSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:15 AM

Quant Time: Oct 10 09:18:11 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	163374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118090	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	108261	53.02	ug/l	0.00
Spiked Amount						
			Recovery	=	106.04%	
35) Dibromofluoromethane	5.49	113	86947	53.91	ug/l	0.00
Spiked Amount						
			Recovery	=	107.82%	
50) Toluene-d8	8.71	98	325889	51.81	ug/l	0.00
Spiked Amount						
			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	125272	51.26	ug/l	0.00
Spiked Amount						
			Recovery	=	102.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	88965	53.423	ug/l	99
3) Chloromethane	1.32	50	96763	53.390	ug/l	96
4) Vinyl Chloride	1.40	62	97406	52.071	ug/l	98
5) Bromomethane	1.63	94	35900	46.167	ug/l	96
6) Chloroethane	1.71	64	60315	52.765	ug/l	100
7) Trichlorofluoromethane	1.92	101	137542	54.476	ug/l	100
8) Diethyl Ether	2.18	74	54805	53.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87394	53.483	ug/l	97
10) Methyl Iodide	2.50	142	93397	50.406	ug/l	98
11) Tert butyl alcohol	3.03	59	131852	243.581	ug/l	100
12) 1,1-Dichloroethene	2.36	96	86105	52.154	ug/l	99
13) Acrolein	2.28	56	85431	222.081	ug/l	99
14) Allyl chloride	2.72	41	157044	53.414	ug/l	99
15) Acrylonitrile	3.13	53	277073	270.100	ug/l	99
16) Acetone	2.43	43	232425	215.944	ug/l	100
17) Carbon Disulfide	2.56	76	236132	50.160	ug/l	98
18) Methyl Acetate	2.76	43	122793	48.132	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	311711	54.673	ug/l	99
20) Methylene Chloride	2.84	84	101705	51.416	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94435	53.367	ug/l	99
22) Diisopropyl ether	3.84	45	309564	54.947	ug/l	96
23) Vinyl Acetate	3.80	43	1252667	257.560	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173936	54.878	ug/l	98
25) 2-Butanone	4.65	43	378828	253.694	ug/l	98
26) 2,2-Dichloropropane	4.57	77	122703	46.038	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	110307	54.079	ug/l	98
28) Bromochloromethane	5.00	49	52022	54.966	ug/l	99
29) Tetrahydrofuran	5.11	42	248142	270.045	ug/l	100
30) Chloroform	5.20	83	173881	53.466	ug/l	99
31) Cyclohexane	5.57	56	155363	52.422	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153585	55.736	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129747	52.519	ug/l	99
37) Ethyl Acetate	4.82	43	137721	49.855	ug/l	100
38) Carbon Tetrachloride	5.78	117	129294	53.769	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156617	52.275	ug/l	98
40) Benzene	6.14	78	391073	53.597	ug/l	100
41) Methacrylonitrile	5.03	41	79292	52.237	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140956	53.837	ug/l	99
43) Isopropyl Acetate	6.43	43	228419	51.517	ug/l	99
44) Trichloroethene	7.20	130	100598	49.719	ug/l	89
45) 1,2-Dichloropropane	7.51	63	100072	53.812	ug/l	98
46) Dibromomethane	7.65	93	67541	54.512	ug/l	100
47) Bromodichloromethane	7.89	83	133722	55.304	ug/l	100
48) Methyl methacrylate	7.76	41	115434	53.426	ug/l	99
49) 1,4-Dioxane	7.73	88	58383	1006.669	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	738819	267.263	ug/l	100
52) Toluene	8.78	92	250456	53.654	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	142581	47.371	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	156804	52.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99471	53.846	ug/l	98
56) Ethyl methacrylate	9.17	69	163596	49.475	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170096	53.229	ug/l	99
59) 2-Hexanone	9.48	43	570005	264.885	ug/l	99
60) Dibromochloromethane	9.58	129	100907	49.119	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104251	53.646	ug/l	99
64) Tetrachloroethene	9.33	164	88474	50.405	ug/l	93
65) Chlorobenzene	10.14	112	260657	51.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94501	54.234	ug/l	99
67) Ethyl Benzene	10.25	91	475272	53.241	ug/l	100
68) m/p-Xylenes	10.36	106	357997	107.349	ug/l	100
69) o-Xylene	10.70	106	173773	53.434	ug/l	100
70) Stvrene	10.71	104	300532	54.359	ug/l	100
71) Bromoform	10.85	173	67354	45.664	ug/l #	99
73) Isopropylbenzene	11.01	105	464176	53.463	ug/l	99
74) N-amyl acetate	10.89	43	189052	50.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153790	53.257	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124322m	47.465	ug/l	
77) Bromobenzene	11.25	156	107152	52.373	ug/l	98
78) n-propylbenzene	11.35	91	517338	54.151	ug/l	99
79) 2-Chlorotoluene	11.42	91	320829	53.435	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401751	55.417	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45560	45.160	ug/l	99
82) 4-Chlorotoluene	11.51	91	371678	54.008	ug/l	99
83) tert-Butylbenzene	11.76	119	380782	53.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	396742	54.035	ug/l	99
85) sec-Butylbenzene	11.94	105	441661	53.906	ug/l	99
86) p-Isopropyltoluene	12.06	119	404762	53.267	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199100	52.404	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195039	50.688	ug/l	100
89) n-Butylbenzene	12.39	91	338456	52.996	ug/l	100
90) Hexachloroethane	12.59	117	69130	49.157	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	193498	51.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35999	53.188	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120867	51.802	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51870	48.171	ug/l	98
95) Naphthalene	13.83	128	436212	53.932	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123019	51.021	ug/l	97

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

