

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012979.D
 Acq On : 10 Oct 2019 06:29
 Operator : JC/SP
 Sample : K5260-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0010MSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:54 AM

Quant Time: Oct 10 07:59:11 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	158817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105441	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.48	113	83635	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	8.71	98	316337	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.14	95	120964	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	81006	50.039	ug/l 99
3) Chloromethane	1.32	50	93404	53.016	ug/l 98
4) Vinyl Chloride	1.40	62	94825	52.146	ug/l 99
5) Bromomethane	1.63	94	38183	50.512	ug/l 100
6) Chloroethane	1.71	64	60667	54.583	ug/l 100
7) Trichlorofluoromethane	1.92	101	133035	54.203	ug/l 98
8) Diethyl Ether	2.18	74	54260	54.770	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78102	49.168	ug/l 99
10) Methyl Iodide	2.50	142	96395	53.203	ug/l 99
11) Tert butyl alcohol	3.03	59	139543	265.186	ug/l 99
12) 1,1-Dichloroethene	2.36	96	85750	53.429	ug/l 95
13) Acrolein	2.28	56	83330	222.835	ug/l 99
14) Allyl chloride	2.72	41	150110	52.520	ug/l 98
15) Acrylonitrile	3.13	53	281319	282.108	ug/l 99
16) Acetone	2.44	43	252907	241.716	ug/l 99
17) Carbon Disulfide	2.56	76	230517	50.372	ug/l 100
18) Methyl Acetate	2.76	43	121628	49.043	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	311053	56.123	ug/l 99
20) Methylene Chloride	2.84	84	98416	51.181	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	92463	53.752	ug/l 99
22) Diisopropyl ether	3.84	45	303028	55.330	ug/l 94
23) Vinyl Acetate	3.80	43	1209250	255.768	ug/l 98
24) 1,1-Dichloroethane	3.69	63	168368	54.646	ug/l 99
25) 2-Butanone	4.66	43	387621	267.031	ug/l 99
26) 2,2-Dichloropropane	4.58	77	93976	36.271	ug/l 96
27) cis-1,2-Dichloroethene	4.58	96	107749	54.341	ug/l 97
28) Bromochloromethane	5.00	49	51638	56.135	ug/l 99
29) Tetrahydrofuran	5.12	42	251684	281.758	ug/l 99
30) Chloroform	5.20	83	171969	54.396	ug/l 99
31) Cyclohexane	5.57	56	147243	51.108	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	149990	55.993	ug/l 99
36) 1,1-Dichloropropene	5.79	75	127145	51.530	ug/l 99
37) Ethyl Acetate	4.82	43	137350	49.782	ug/l 100
38) Carbon Tetrachloride	5.78	117	127219	52.972	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141982	47.449	ug/l	98
40) Benzene	6.14	78	387865	53.223	ug/l	98
41) Methacrylonitrile	5.03	41	80635	53.188	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138200	52.850	ug/l	99
43) Isopropyl Acetate	6.43	43	224919	50.791	ug/l	100
44) Trichloroethene	7.20	130	102442	50.693	ug/l	95
45) 1,2-Dichloropropane	7.51	63	98868	53.231	ug/l	99
46) Dibromomethane	7.65	93	67427	54.488	ug/l	99
47) Bromodichloromethane	7.89	83	133226	55.168	ug/l	97
48) Methyl methacrylate	7.76	41	114749	53.175	ug/l	99
49) 1,4-Dioxane	7.73	88	59560	1027.488	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	747881	270.878	ug/l	100
52) Toluene	8.78	92	244885	52.526	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	137835	45.920	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150085	50.531	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99561	53.961	ug/l	97
56) Ethyl methacrylate	9.17	69	160500	48.631	ug/l	100
57) 1,3-Dichloropropane	9.37	76	169341	53.059	ug/l	100
59) 2-Hexanone	9.48	43	582317	270.943	ug/l	100
60) Dibromochloromethane	9.57	129	99378	48.461	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104144	53.658	ug/l	100
64) Tetrachloroethene	9.33	164	93407	53.725	ug/l	94
65) Chlorobenzene	10.14	112	255642	51.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94207	54.583	ug/l	98
67) Ethyl Benzene	10.25	91	461703	52.216	ug/l	98
68) m/p-Xylenes	10.35	106	348792	105.591	ug/l	100
69) o-Xylene	10.70	106	171873	53.356	ug/l	99
70) Stvrene	10.71	104	295814	54.018	ug/l	100
71) Bromoform	10.85	173	69047	47.151	ug/l	99
73) Isopropylbenzene	11.01	105	451179	52.890	ug/l	100
74) N-amyl acetate	10.89	43	188272	51.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	157293	55.439	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147373m	57.267	ug/l	
77) Bromobenzene	11.25	156	105376	52.421	ug/l	96
78) n-propylbenzene	11.35	91	493559	52.581	ug/l	98
79) 2-Chlorotoluene	11.42	91	307278	52.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368214	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43514	44.013	ug/l	98
82) 4-Chlorotoluene	11.51	91	361273	53.430	ug/l	100
83) tert-Butylbenzene	11.76	119	358088	51.536	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	384110	53.246	ug/l	99
85) sec-Butylbenzene	11.94	105	425840	52.899	ug/l	99
86) p-Isopropyltoluene	12.06	119	390481	52.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	191352	51.261	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	188869	49.958	ug/l	99
89) n-Butylbenzene	12.39	91	312441	49.793	ug/l	99
90) Hexachloroethane	12.59	117	66068	47.873	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188846	51.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37195	55.932	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	112991	49.288	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49583	46.866	ug/l	99
95) Naphthalene	13.83	128	412635	51.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	116393	49.131	ug/l	97

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

