

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012513.D
 Acq On : 19 Sep 2019 07:20
 Operator : JC/SP
 Sample : K4858-07MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MS

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:25 PM

Quant Time: Sep 19 09:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	134522	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	99415	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	353433	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	142900	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	60328	48.397	ug/l	99
3) Chloromethane	1.32	50	51710	50.329	ug/l	99
4) Vinyl Chloride	1.40	62	57055	51.379	ug/l	96
5) Bromomethane	1.62	94	16509	37.841	ug/l	97
6) Chloroethane	1.71	64	39391	45.330	ug/l	94
7) Trichlorofluoromethane	1.92	101	105551	51.851	ug/l	100
8) Diethyl Ether	2.18	74	47105	51.231	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74026	50.260	ug/l	100
10) Methyl Iodide	2.50	142	49197	39.908	ug/l	97
11) Tert butyl alcohol	3.03	59	161995	238.221	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61973	52.745	ug/l	97
13) Acrolein	2.28	56	56793	241.417	ug/l	98
14) Allyl chloride	2.72	41	134332	49.108	ug/l	100
15) Acrylonitrile	3.13	53	300506	258.908	ug/l	99
16) Acetone	2.43	43	277728	226.173	ug/l	100
17) Carbon Disulfide	2.56	76	73224	44.281	ug/l	99
18) Methyl Acetate	2.76	43	140497	50.339	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339703	53.027	ug/l	100
20) Methylene Chloride	2.85	84	83236	51.349	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	64388	52.772	ug/l	97
22) Diisopropyl ether	3.84	45	337052	52.624	ug/l	99
23) Vinyl Acetate	3.80	43	1402571	266.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162295	52.960	ug/l	98
25) 2-Butanone	4.65	43	436296	234.829	ug/l	99
26) 2,2-Dichloropropane	4.57	77	93389	30.986	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	96921	53.176	ug/l	91
28) Bromochloromethane	5.00	49	77381	48.979	ug/l	99
29) Tetrahydrofuran	5.11	42	263478	256.703	ug/l	99
30) Chloroform	5.20	83	178476	50.711	ug/l	99
31) Cyclohexane	5.57	56	94058	50.845	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	148138	50.360	ug/l	99
36) 1,1-Dichloropropene	5.79	75	96385	49.111	ug/l	97
37) Ethyl Acetate	4.82	43	157464	52.269	ug/l	99
38) Carbon Tetrachloride	5.78	117	120739	49.465	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95767	50.195	ug/l	96
40) Benzene	6.13	78	319285	51.160	ug/l	97
41) Methacrylonitrile	5.03	41	93979	48.448	ug/l	98
42) 1,2-Dichloroethane	6.18	62	145547	50.282	ug/l	100
43) Isopropyl Acetate	6.43	43	268636	49.683	ug/l	99
44) Trichloroethene	7.21	130	631259	384.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	97099	50.641	ug/l	95
46) Dibromomethane	7.65	93	62827	50.635	ug/l	99
47) Bromodichloromethane	7.89	83	141719	51.297	ug/l	98
48) Methyl methacrylate	7.76	41	128709	50.498	ug/l	99
49) 1,4-Dioxane	7.73	88	59304	956.000	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	880708	248.376	ug/l	99
52) Toluene	8.78	92	207303	51.549	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138286	48.153	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	142733	48.008	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105847	51.088	ug/l	98
56) Ethyl methacrylate	9.17	69	167398	51.677	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171036	51.741	ug/l	99
59) 2-Hexanone	9.49	43	664169	240.087	ug/l	98
60) Dibromochloromethane	9.58	129	112823	53.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100310	53.012	ug/l	100
64) Tetrachloroethene	9.33	164	72437	54.776	ug/l	93
65) Chlorobenzene	10.14	112	242558	50.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	103812	52.514	ug/l	100
67) Ethyl Benzene	10.25	91	418091	51.090	ug/l	100
68) m/p-Xylenes	10.35	106	304746	102.348	ug/l	100
69) o-Xylene	10.70	106	159225	51.998	ug/l	100
70) Stvrene	10.71	104	285517	52.699	ug/l	99
71) Bromoform	10.85	173	76462	45.214	ug/l	97
73) Isopropylbenzene	11.01	105	442973	51.397	ug/l	99
74) N-amyl acetate	10.89	43	239906	51.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174651	51.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	162700m	51.564	ug/l	
77) Bromobenzene	11.25	156	110693	52.663	ug/l	99
78) n-propylbenzene	11.35	91	487784	50.780	ug/l	100
79) 2-Chlorotoluene	11.42	91	311341	49.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377330	51.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44532	39.443	ug/l	95
82) 4-Chlorotoluene	11.51	91	361589	50.416	ug/l	100
83) tert-Butylbenzene	11.77	119	394097	50.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	383613	50.830	ug/l	99
85) sec-Butylbenzene	11.94	105	432537	49.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	397183	49.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200652	50.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201508	49.614	ug/l	99
89) n-Butylbenzene	12.38	91	330137	46.428	ug/l	98
90) Hexachloroethane	12.59	117	74119	50.722	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	211553	51.192	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44182	50.407	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	131032	49.226	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	54973	43.818	ug/l	99
95) Naphthalene	13.83	128	485030	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136234	50.225	ug/l	99

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

