

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013833.D
 Acq On : 07 Dec 2019 05:04
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:22 AM

Quant Time: Dec 07 05:59:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	537910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	866613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	780920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	385230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	303835	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	252242	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	8.71	98	954535	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
62) 4-Bromofluorobenzene	11.14	95	346799	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	286146	47.793	ug/l	98
3) Chloromethane	1.32	50	322473	48.001	ug/l	100
4) Vinyl Chloride	1.40	62	381887	50.505	ug/l	100
5) Bromomethane	1.63	94	216274	42.590	ug/l	97
6) Chloroethane	1.70	64	213142	49.536	ug/l	96
7) Trichlorofluoromethane	1.92	101	409987	48.830	ug/l	99
8) Diethyl Ether	2.18	74	194559	51.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1290040	251.542	ug/l	99
10) Methyl Iodide	2.50	142	316335	50.991	ug/l	100
11) Tert butyl alcohol	3.04	59	396864	257.503	ug/l	99
12) 1,1-Dichloroethene	2.36	96	265759	51.915	ug/l	100
13) Acrolein	2.28	56	301624	291.613	ug/l	99
14) Allyl chloride	2.72	41	443740	47.766	ug/l	99
15) Acrylonitrile	3.13	53	814618	256.063	ug/l	99
16) Acetone	2.44	43	720193	233.624	ug/l	99
17) Carbon Disulfide	2.56	76	634535	43.482	ug/l	100
18) Methyl Acetate	2.76	43	419927	48.919	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	871897	51.414	ug/l	97
20) Methylene Chloride	2.84	84	292414	49.374	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	271791	48.737	ug/l	97
22) Diisopropyl ether	3.84	45	932442	52.126	ug/l	99
23) Vinyl Acetate	3.80	43	3339842	224.436	ug/l	99
24) 1,1-Dichloroethane	3.69	63	507840	51.933	ug/l	99
25) 2-Butanone	4.66	43	1165934	254.488	ug/l	99
26) 2,2-Dichloropropane	4.57	77	262441	32.437	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	351728	54.921	ug/l	97
28) Bromochloromethane	5.00	49	208960	54.074	ug/l	99
29) Tetrahydrofuran	5.12	42	742434	262.870	ug/l	99
30) Chloroform	5.20	83	495884	50.002	ug/l	96
31) Cyclohexane	5.57	56	441087	47.823	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	418240	50.467	ug/l	100
36) 1,1-Dichloropropene	5.79	75	358465	45.567	ug/l	99
37) Ethyl Acetate	4.82	43	396740	44.955	ug/l	99
38) Carbon Tetrachloride	5.77	117	354116	48.818	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	426073	43.817	ug/l	97
40) Benzene	6.14	78	1154069	48.168	ug/l	99
41) Methacrylonitrile	5.03	41	246693	50.971	ug/l	100
42) 1,2-Dichloroethane	6.18	62	400067	48.961	ug/l	100
43) Isopropyl Acetate	6.43	43	668148	45.987	ug/l	99
44) Trichloroethene	7.21	130	1039501	158.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	298374	49.774	ug/l	97
46) Dibromomethane	7.65	93	193289	47.475	ug/l	98
47) Bromodichloromethane	7.89	83	381412	49.555	ug/l	99
48) Methyl methacrylate	7.76	41	353586	50.088	ug/l	98
49) 1,4-Dioxane	7.73	88	168159	1064.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2333479	255.328	ug/l	99
52) Toluene	8.78	92	719235	48.321	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	394691	45.052	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	444390	46.429	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300708	50.133	ug/l	99
56) Ethyl methacrylate	9.17	69	482735	50.058	ug/l	100
57) 1,3-Dichloropropane	9.37	76	508227	49.157	ug/l	100
59) 2-Hexanone	9.49	43	1798524	252.324	ug/l	99
60) Dibromochloromethane	9.58	129	313186	50.312	ug/l	99
61) 1,2-Dibromoethane	9.67	107	310853	48.523	ug/l	98
64) Tetrachloroethene	9.33	164	347065	59.596	ug/l	99
65) Chlorobenzene	10.14	112	781061	48.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	292093	50.170	ug/l	100
67) Ethyl Benzene	10.25	91	1358166	48.748	ug/l	100
68) m/p-Xylenes	10.35	106	1032432	96.790	ug/l	100
69) o-Xylene	10.70	106	508918	48.919	ug/l	99
70) Stvrene	10.71	104	870732	49.756	ug/l	100
71) Bromoform	10.85	173	241157	50.060	ug/l	100
73) Isopropylbenzene	11.01	105	1332545	49.313	ug/l	99
74) N-amyl acetate	10.89	43	564184	45.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	489504	52.235	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	369611m	42.658	ug/l	
77) Bromobenzene	11.25	156	351066	48.090	ug/l	99
78) n-propylbenzene	11.35	91	1459387	48.380	ug/l	99
79) 2-Chlorotoluene	11.42	91	887655	49.054	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1104093	49.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133129	42.036	ug/l	97
82) 4-Chlorotoluene	11.51	91	1002374	47.827	ug/l	100
83) tert-Butylbenzene	11.76	119	1133939	50.379	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1100172	48.946	ug/l	100
85) sec-Butylbenzene	11.94	105	1251582	48.682	ug/l	99
86) p-Isopropyltoluene	12.06	119	1145695	47.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	606032	47.624	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	599945	46.286	ug/l	99
89) n-Butylbenzene	12.39	91	939521	46.057	ug/l	99
90) Hexachloroethane	12.59	117	212001	49.039	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	615799	48.977	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101759	49.864	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	382179	43.615	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173810	41.291	ug/l	99
95) Naphthalene	13.83	128	1221045	46.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	391020	45.069	ug/l	99

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

