

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013809.D
 Acq On : 06 Dec 2019 18:59
 Operator : JC/SP
 Sample : K6184-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:01 AM

Quant Time: Dec 07 04:39:37 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	568173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	897205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	807183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	402525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	312665	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.49	113	264165	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	1007022	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	365344	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	299612	47.376	ug/l	98
3) Chloromethane	1.32	50	334609	47.154	ug/l	99
4) Vinyl Chloride	1.40	62	396959	49.702	ug/l	99
5) Bromomethane	1.63	94	251521	46.893	ug/l	98
6) Chloroethane	1.70	64	221912	48.827	ug/l	96
7) Trichlorofluoromethane	1.92	101	426472	48.088	ug/l	99
8) Diethyl Ether	2.18	74	203998	50.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261152	48.209	ug/l	99
10) Methyl Iodide	2.50	142	325689	49.702	ug/l	99
11) Tert butyl alcohol	3.04	59	438060	269.094	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267178	49.412	ug/l	99
13) Acrolein	2.28	56	262371	241.211	ug/l	100
14) Allyl chloride	2.72	41	488786	49.812	ug/l	99
15) Acrylonitrile	3.13	53	883133	262.814	ug/l	99
16) Acetone	2.44	43	774470	237.849	ug/l	99
17) Carbon Disulfide	2.56	76	693135	44.968	ug/l	98
18) Methyl Acetate	2.76	43	481308	53.083	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	929367	51.883	ug/l	98
20) Methylene Chloride	2.85	84	307442	49.147	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	284861	48.360	ug/l	97
22) Diisopropyl ether	3.84	45	982905	52.021	ug/l	97
23) Vinyl Acetate	3.80	43	3880955	246.908	ug/l	100
24) 1,1-Dichloroethane	3.69	63	535130	51.809	ug/l	98
25) 2-Butanone	4.66	43	1261063	260.591	ug/l	98
26) 2,2-Dichloropropane	4.57	77	364065	42.601	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	332742	49.189	ug/l	99
28) Bromochloromethane	5.01	49	214259	52.492	ug/l	100
29) Tetrahydrofuran	5.12	42	806979	270.504	ug/l	99
30) Chloroform	5.20	83	521065	49.743	ug/l	100
31) Cyclohexane	5.57	56	460959	47.315	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	440302	50.299	ug/l	99
36) 1,1-Dichloropropene	5.79	75	379536	46.601	ug/l	98
37) Ethyl Acetate	4.82	43	457111	50.030	ug/l	99
38) Carbon Tetrachloride	5.78	117	370307	49.310	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	457752	45.470	ug/l	97
40) Benzene	6.14	78	1208157	48.706	ug/l	98
41) Methacrylonitrile	5.03	41	270278	53.940	ug/l	98
42) 1,2-Dichloroethane	6.18	62	417298	49.329	ug/l	100
43) Isopropyl Acetate	6.43	43	735661	48.907	ug/l	100
44) Trichloroethene	7.20	130	358153	52.610	ug/l	96
45) 1,2-Dichloropropane	7.51	63	315050	50.764	ug/l	99
46) Dibromomethane	7.65	93	204061	48.412	ug/l	100
47) Bromodichloromethane	7.89	83	406447	51.007	ug/l	99
48) Methyl methacrylate	7.76	41	381147	52.151	ug/l	99
49) 1,4-Dioxane	7.73	88	178690	1092.283	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2479972	262.105	ug/l	100
52) Toluene	8.78	92	759246	49.270	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	437350	48.219	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	487889	49.236	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	314694	50.676	ug/l	97
56) Ethyl methacrylate	9.17	69	515885	51.672	ug/l	99
57) 1,3-Dichloropropane	9.37	76	528371	49.363	ug/l	99
59) 2-Hexanone	9.49	43	1942324	263.207	ug/l	99
60) Dibromochloromethane	9.58	129	331273	51.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	327057	49.312	ug/l	99
64) Tetrachloroethene	9.33	164	275884	45.832	ug/l	99
65) Chlorobenzene	10.14	112	817666	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	311961	51.839	ug/l	100
67) Ethyl Benzene	10.24	91	1432118	49.730	ug/l	99
68) m/p-Xylenes	10.35	106	1083487	98.271	ug/l	100
69) o-Xylene	10.70	106	535508	49.800	ug/l	99
70) Stvrene	10.71	104	918020	50.751	ug/l	100
71) Bromoform	10.85	173	259839	52.183	ug/l #	100
73) Isopropylbenzene	11.01	105	1391732	49.290	ug/l	100
74) N-amyl acetate	10.89	43	648594	50.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	511750	52.262	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	464877m	51.348	ug/l	
77) Bromobenzene	11.25	156	371836	48.747	ug/l	99
78) n-propylbenzene	11.35	91	1543944	48.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	933476	49.370	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1165383	50.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	163127	49.294	ug/l	97
82) 4-Chlorotoluene	11.51	91	1063331	48.556	ug/l	99
83) tert-Butylbenzene	11.77	119	1195567	50.835	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1175000	50.029	ug/l	100
85) sec-Butylbenzene	11.94	105	1335470	49.713	ug/l	100
86) p-Isopropyltoluene	12.06	119	1222791	48.929	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	641377	48.236	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	637813	47.093	ug/l	99
89) n-Butylbenzene	12.38	91	1009006	47.338	ug/l	100
90) Hexachloroethane	12.59	117	224985	49.807	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	648555	49.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	111958	52.505	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	411806	44.977	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	187141	42.548	ug/l	99
95) Naphthalene	13.83	128	1326260	48.640	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	420763	46.413	ug/l	99

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

