

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122019\
 Data File : VX014189.D
 Acq On : 20 Dec 2019 21:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/23/2019 10:25:53 AM

Quant Time: Dec 21 02:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	533330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305521	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.49	113	253477	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	8.71	98	980562	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	355536	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	212868	44.614	ug/l	100
3) Chloromethane	1.32	50	283495	44.274	ug/l	100
4) Vinyl Chloride	1.40	62	303010	44.847	ug/l	99
5) Bromomethane	1.63	94	165691	34.552	ug/l	99
6) Chloroethane	1.72	64	197705	47.411	ug/l	96
7) Trichlorofluoromethane	1.92	101	402816	48.161	ug/l	99
8) Diethyl Ether	2.18	74	183399	46.721	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	243321	48.261	ug/l	100
10) Methyl Iodide	2.50	142	258879	39.516	ug/l	99
11) Tert butyl alcohol	3.03	59	297904	228.088	ug/l	99
12) 1,1-Dichloroethene	2.37	96	241732	47.119	ug/l	97
13) Acrolein	2.28	56	186689	249.702	ug/l	100
14) Allyl chloride	2.72	41	453336	49.491	ug/l	100
15) Acrylonitrile	3.13	53	751797	246.612	ug/l	99
16) Acetone	2.43	43	630855	160.760	ug/l	99
17) Carbon Disulfide	2.56	76	639180	44.955	ug/l	99
18) Methyl Acetate	2.76	43	395243	50.829	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	853364	50.620	ug/l	97
20) Methylene Chloride	2.85	84	297120	48.081	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	266251	47.107	ug/l	98
22) Diisopropyl ether	3.84	45	917970	50.290	ug/l	99
23) Vinyl Acetate	3.80	43	3777024	253.560	ug/l	100
24) 1,1-Dichloroethane	3.69	63	494902	48.732	ug/l	100
25) 2-Butanone	4.65	43	1056357	218.342	ug/l	99
26) 2,2-Dichloropropane	4.58	77	366247	46.449	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	313538	49.051	ug/l	98
28) Bromochloromethane	5.01	49	209331	53.564	ug/l	100
29) Tetrahydrofuran	5.11	42	688412	254.395	ug/l	100
30) Chloroform	5.20	83	475894	49.432	ug/l	97
31) Cyclohexane	5.58	56	444122	49.170	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	409280	49.882	ug/l	98
36) 1,1-Dichloropropene	5.79	75	365009	48.410	ug/l	100
37) Ethyl Acetate	4.82	43	423115	50.817	ug/l	100
38) Carbon Tetrachloride	5.78	117	343866	50.062	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	449310	48.261	ug/l	99
40) Benzene	6.14	78	1127847	48.615	ug/l	100
41) Methacrylonitrile	5.03	41	234289	50.714	ug/l	98
42) 1,2-Dichloroethane	6.18	62	390165	49.613	ug/l	98
43) Isopropyl Acetate	6.43	43	704509	51.127	ug/l	100
44) Trichloroethene	7.20	130	309203	48.253	ug/l	99
45) 1,2-Dichloropropane	7.51	63	296383	49.844	ug/l	97
46) Dibromomethane	7.65	93	187726	47.751	ug/l	98
47) Bromodichloromethane	7.89	83	376487	50.848	ug/l	95
48) Methyl methacrylate	7.76	41	345624	51.223	ug/l	99
49) 1,4-Dioxane	7.73	88	128082	932.778	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2145477	247.923	ug/l	100
52) Toluene	8.78	92	709315	48.372	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	413360	50.915	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	462522	51.137	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	290109	49.363	ug/l	98
56) Ethyl methacrylate	9.17	69	470558	50.971	ug/l	99
57) 1,3-Dichloropropane	9.37	76	485738	49.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	897849	256.992	ug/l	100
59) 2-Hexanone	9.48	43	1607450	230.746	ug/l	100
60) Dibromochloromethane	9.57	129	301061	51.535	ug/l	98
61) 1,2-Dibromoethane	9.67	107	299500	49.807	ug/l	99
64) Tetrachloroethene	9.33	164	336367	50.869	ug/l	99
65) Chlorobenzene	10.14	112	766241	48.225	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	285462	50.317	ug/l	99
67) Ethyl Benzene	10.25	91	1354991	49.603	ug/l	99
68) m/p-Xylenes	10.35	106	1033579	98.376	ug/l	100
69) o-Xylene	10.70	106	507680	49.269	ug/l	100
70) Styrene	10.71	104	866733	49.743	ug/l	99
71) Bromoform	10.85	173	232423	50.966	ug/l	99
73) Isopropylbenzene	11.01	105	1328194	51.092	ug/l	100
74) N-amyl acetate	10.89	43	618234	50.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	441692	49.008	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	363088m	45.297	ug/l	
77) Bromobenzene	11.25	156	347936	48.645	ug/l	99
78) n-propylbenzene	11.35	91	1510491	51.801	ug/l	99
79) 2-Chlorotoluene	11.42	91	883170	49.826	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1107303	50.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143941	50.685	ug/l	99
82) 4-Chlorotoluene	11.51	91	1023118	49.761	ug/l	99
83) tert-Butylbenzene	11.76	119	1043786	49.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1146033	52.306	ug/l	100
85) sec-Butylbenzene	11.94	105	1284478	51.103	ug/l	100
86) p-Isopropyltoluene	12.06	119	1187434	51.646	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	612094	48.829	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	613772	48.153	ug/l	99
89) n-Butylbenzene	12.39	91	1025360	52.266	ug/l	99
90) Hexachloroethane	12.59	117	207272	50.190	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	619724	49.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	95606	47.936	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	431338	52.591	ug/l	99
94) Hexachlorobutadiene	13.78	225	196842	49.937	ug/l	99
95) Naphthalene	13.83	128	1610585	66.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	427240	52.769	ug/l	98

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

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