

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014367.D
 Acq On : 30 Dec 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:49 AM

Quant Time: Dec 31 03:53:28 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	466084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	733717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269998	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.49	113	228204	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	875582	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	312699	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	177158	42.487	ug/l 99
3) Chloromethane	1.32	50	244546	43.701	ug/l 100
4) Vinyl Chloride	1.40	62	267681	45.334	ug/l 100
5) Bromomethane	1.63	94	133132	31.768	ug/l 99
6) Chloroethane	1.72	64	173530	47.617	ug/l 97
7) Trichlorofluoromethane	1.92	101	347981	47.608	ug/l 100
8) Diethyl Ether	2.18	74	167708	48.888	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215384	48.884	ug/l 99
10) Methyl Iodide	2.50	142	173878	30.977	ug/l 99
11) Tert butyl alcohol	3.03	59	279486	244.860	ug/l 99
12) 1,1-Dichloroethene	2.37	96	213792	47.685	ug/l 98
13) Acrolein	2.28	56	160992	246.399	ug/l 97
14) Allyl chloride	2.72	41	405926	50.709	ug/l 98
15) Acrylonitrile	3.13	53	723252	271.478	ug/l 100
16) Acetone	2.43	43	618973	180.489	ug/l 99
17) Carbon Disulfide	2.56	76	526618	42.425	ug/l 99
18) Methyl Acetate	2.76	43	373227	54.922	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	764016	51.858	ug/l 99
20) Methylene Chloride	2.85	84	258058	47.785	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	238538	48.293	ug/l 98
22) Diisopropyl ether	3.84	45	856786	53.710	ug/l 99
23) Vinyl Acetate	3.80	43	3621283	278.180	ug/l 100
24) 1,1-Dichloroethane	3.69	63	448221	50.503	ug/l 99
25) 2-Butanone	4.65	43	1014164	239.864	ug/l 98
26) 2,2-Dichloropropane	4.58	77	318085	46.161	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	277839	49.737	ug/l 99
28) Bromochloromethane	5.00	49	191991	56.193	ug/l 95
29) Tetrahydrofuran	5.11	42	650592	275.107	ug/l 99
30) Chloroform	5.20	83	432601	51.418	ug/l 99
31) Cyclohexane	5.57	56	392294	49.698	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	359008	50.067	ug/l 100
36) 1,1-Dichloropropene	5.79	75	319517	47.460	ug/l 99
37) Ethyl Acetate	4.82	43	387172	52.079	ug/l 99
38) Carbon Tetrachloride	5.78	117	299540	48.840	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	389499	46.856	ug/l	99
40) Benzene	6.14	78	1008075	48.665	ug/l	99
41) Methacrylonitrile	5.03	41	220327	53.413	ug/l	97
42) 1,2-Dichloroethane	6.19	62	346020	49.279	ug/l	98
43) Isopropyl Acetate	6.44	43	641035	52.102	ug/l	99
44) Trichloroethene	7.21	130	265725	46.443	ug/l	96
45) 1,2-Dichloropropane	7.51	63	269236	50.710	ug/l	98
46) Dibromomethane	7.65	93	170643	48.613	ug/l	98
47) Bromodichloromethane	7.89	83	338719	51.236	ug/l	98
48) Methyl methacrylate	7.76	41	311679	51.734	ug/l	98
49) 1,4-Dioxane	7.73	88	112041	913.850	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2016974	261.037	ug/l	99
52) Toluene	8.78	92	631679	48.246	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	371919	51.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	416194	51.535	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265469	50.589	ug/l	99
56) Ethyl methacrylate	9.17	69	424024	51.441	ug/l	99
57) 1,3-Dichloropropane	9.37	76	453266	51.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	839079	268.984	ug/l	99
59) 2-Hexanone	9.48	43	1532848	246.436	ug/l	99
60) Dibromochloromethane	9.57	129	273186	52.374	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269592	50.212	ug/l	100
64) Tetrachloroethene	9.33	164	271744	46.366	ug/l	95
65) Chlorobenzene	10.14	112	680833	48.345	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	250858	49.889	ug/l	99
67) Ethyl Benzene	10.25	91	1195933	49.395	ug/l	99
68) m/p-Xylenes	10.36	106	916835	98.456	ug/l	99
69) o-Xylene	10.70	106	451394	49.425	ug/l	100
70) Styrene	10.71	104	767857	49.720	ug/l	99
71) Bromoform	10.85	173	208192	51.508	ug/l	100
73) Isopropylbenzene	11.01	105	1170282	49.467	ug/l	100
74) N-amyl acetate	10.89	43	565068	50.955	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	415326	50.637	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	332667m	45.603	ug/l	
77) Bromobenzene	11.25	156	304255	46.742	ug/l	98
78) n-propylbenzene	11.35	91	1343780	50.639	ug/l	100
79) 2-Chlorotoluene	11.42	91	791435	49.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	983658	49.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	131344	50.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	914530	48.876	ug/l	98
83) tert-Butylbenzene	11.76	119	968687	49.993	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	992159	49.759	ug/l	100
85) sec-Butylbenzene	11.94	105	1144354	50.028	ug/l	100
86) p-Isopropyltoluene	12.06	119	1045194	49.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541369	47.455	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	539120	46.477	ug/l	99
89) n-Butylbenzene	12.39	91	912844	51.129	ug/l	100
90) Hexachloroethane	12.59	117	185948	49.477	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	544832	47.442	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87233	48.061	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	366946	49.161	ug/l	97
94) Hexachlorobutadiene	13.78	225	174694	48.699	ug/l	99
95) Naphthalene	13.83	128	1156828	52.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	372664	50.577	ug/l	99

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

