

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013546.D
 Acq On : 22 Nov 2019 20:14
 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

MMDadoda
 11/25/2019 5:21:20 PM

Quant Time: Nov 23 00:08:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	603645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	949210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	432325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	334532	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.49	113	272883	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.71	98	1050311	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	384426	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	286654	41.214	ug/l	99
3) Chloromethane	1.31	50	336954	44.674	ug/l	100
4) Vinyl Chloride	1.40	62	399682	46.546	ug/l	100
5) Bromomethane	1.63	94	262839	43.924	ug/l	98
6) Chloroethane	1.71	64	225017	45.740	ug/l	100
7) Trichlorofluoromethane	1.92	101	450104	44.368	ug/l	99
8) Diethyl Ether	2.18	74	218261	48.652	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273401	48.352	ug/l	98
10) Methyl Iodide	2.50	142	343871	49.120	ug/l	98
11) Tert butyl alcohol	3.04	59	423785	224.832	ug/l	100
12) 1,1-Dichloroethene	2.36	96	275482	49.752	ug/l	98
13) Acrolein	2.28	56	281468	275.527	ug/l	97
14) Allyl chloride	2.72	41	504930	50.188	ug/l	93
15) Acrylonitrile	3.13	53	982208	278.964	ug/l	98
16) Acetone	2.43	43	780406	218.783	ug/l	100
17) Carbon Disulfide	2.56	76	632980	42.710	ug/l	99
18) Methyl Acetate	2.76	43	627047	63.674	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1019977	55.229	ug/l	97
20) Methylene Chloride	2.84	84	327909	49.755	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	294678	48.877	ug/l	96
22) Diisopropyl ether	3.84	45	1063967	54.777	ug/l	95
23) Vinyl Acetate	3.80	43	3261093	196.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	574313	52.856	ug/l	99
25) 2-Butanone	4.66	43	1351987	258.364	ug/l	99
26) 2,2-Dichloropropane	4.58	77	392783	45.441	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	366389	54.250	ug/l	96
28) Bromochloromethane	5.00	49	171926	55.728	ug/l	99
29) Tetrahydrofuran	5.12	42	885601	274.629	ug/l	100
30) Chloroform	5.20	83	567081	52.854	ug/l	97
31) Cyclohexane	5.57	56	470223	48.094	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	472544	51.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	404685	49.697	ug/l	99
37) Ethyl Acetate	4.82	43	516361	51.318	ug/l	100
38) Carbon Tetrachloride	5.78	117	394853	49.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	469660	46.288	ug/l	100
40) Benzene	6.13	78	1280047	50.464	ug/l	98
41) Methacrylonitrile	5.03	41	291911	51.759	ug/l	97
42) 1,2-Dichloroethane	6.18	62	455255	49.758	ug/l	99
43) Isopropyl Acetate	6.43	43	847814	54.110	ug/l	99
44) Trichloroethene	7.20	130	360737	51.665	ug/l	97
45) 1,2-Dichloropropane	7.51	63	344348	53.280	ug/l	100
46) Dibromomethane	7.65	93	221895	50.285	ug/l	98
47) Bromodichloromethane	7.89	83	443376	53.283	ug/l	94
48) Methyl methacrylate	7.76	41	414578	53.006	ug/l	97
49) 1,4-Dioxane	7.73	88	165359	923.189	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2760858	268.570	ug/l	99
52) Toluene	8.78	92	810509	51.555	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	477980	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	526975	51.774	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	345994	53.097	ug/l	98
56) Ethyl methacrylate	9.17	69	571345	51.316	ug/l	97
57) 1,3-Dichloropropane	9.37	76	580838	52.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1172717	263.205	ug/l	100
59) 2-Hexanone	9.49	43	2119417	266.793	ug/l	98
60) Dibromochloromethane	9.58	129	360766	54.133	ug/l	99
61) 1,2-Dibromoethane	9.67	107	362210	52.346	ug/l	100
64) Tetrachloroethene	9.33	164	490821	79.881	ug/l	96
65) Chlorobenzene	10.14	112	889163	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	335471	52.579	ug/l	100
67) Ethyl Benzene	10.24	91	1551429	51.730	ug/l	99
68) m/p-Xylenes	10.35	106	1175168	103.610	ug/l	100
69) o-Xylene	10.70	106	580161	52.246	ug/l	99
70) Styrene	10.71	104	1003131	54.041	ug/l	99
71) Bromoform	10.85	173	283261	48.017	ug/l #	100
73) Isopropylbenzene	11.01	105	1543463	53.847	ug/l	99
74) N-amyl acetate	10.89	43	758148	57.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	528848	50.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	442508m	50.393	ug/l	
77) Bromobenzene	11.25	156	404521	52.938	ug/l	99
78) n-propylbenzene	11.35	91	1720678	53.889	ug/l	99
79) 2-Chlorotoluene	11.42	91	1036640	53.886	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1295296	54.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	175111	51.330	ug/l	95
82) 4-Chlorotoluene	11.51	91	1173084	52.092	ug/l	98
83) tert-Butylbenzene	11.76	119	1129414	46.992	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1310344	54.710	ug/l	100
85) sec-Butylbenzene	11.94	105	1501072	54.343	ug/l	99
86) p-Isopropyltoluene	12.06	119	1387395	54.546	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	719921	52.854	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	721012	51.955	ug/l	99
89) n-Butylbenzene	12.38	91	1192274	53.720	ug/l	100
90) Hexachloroethane	12.59	117	244434	53.937	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	733517	53.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125623	49.309	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	521332	54.892	ug/l	97
94) Hexachlorobutadiene	13.77	225	239928	51.637	ug/l	100
95) Naphthalene	13.83	128	1701601	57.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	521282	54.730	ug/l	100

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

