

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100219\
 Data File : VX012750.D
 Acq On : 02 Oct 2019 10:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 10:50:49 AM

Quant Time: Oct 03 01:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	321558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	120424	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	
35) Dibromofluoromethane	5.48	113	92142	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	347165	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	136453	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94306	43.607	ug/l	99
3) Chloromethane	1.32	50	107318	43.216	ug/l	99
4) Vinyl Chloride	1.40	62	108965	44.146	ug/l	98
5) Bromomethane	1.62	94	39409	40.608	ug/l	100
6) Chloroethane	1.70	64	69805	41.950	ug/l	95
7) Trichlorofluoromethane	1.92	101	158244	45.662	ug/l	98
8) Diethyl Ether	2.18	74	62190	43.789	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102041	48.343	ug/l	96
10) Methyl Iodide	2.50	142	103026	46.695	ug/l	93
11) Tert butyl alcohol	3.04	59	152976	218.758	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97594	47.218	ug/l	99
13) Acrolein	2.28	56	78023	202.325	ug/l	98
14) Allyl chloride	2.72	41	184516	44.996	ug/l	96
15) Acrylonitrile	3.13	53	319298	225.060	ug/l	98
16) Acetone	2.43	43	391741	264.197	ug/l	99
17) Carbon Disulfide	2.56	76	247056	42.637	ug/l	99
18) Methyl Acetate	2.76	43	151626	43.428	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	360263	46.050	ug/l	97
20) Methylene Chloride	2.84	84	113783	45.370	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	105117	45.906	ug/l	96
22) Diisopropyl ether	3.84	45	360616	45.511	ug/l	93
23) Vinyl Acetate	3.80	43	1578488	227.163	ug/l	97
24) 1,1-Dichloroethane	3.69	63	198278	46.035	ug/l	99
25) 2-Butanone	4.65	43	496323	233.448	ug/l	96
26) 2,2-Dichloropropane	4.56	77	175986	45.941	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	121785	45.837	ug/l	94
28) Bromochloromethane	5.00	49	70478	45.065	ug/l	95
29) Tetrahydrofuran	5.11	42	281840	217.496	ug/l	96
30) Chloroform	5.20	83	199964	45.379	ug/l	99
31) Cyclohexane	5.56	56	178503	45.811	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	178063	45.594	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148618	47.950	ug/l	98
37) Ethyl Acetate	4.81	43	166640	45.987	ug/l	98
38) Carbon Tetrachloride	5.77	117	153804	48.850	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	182969	49.036	ug/l	99
40) Benzene	6.13	78	445260	48.825	ug/l	99
41) Methacrylonitrile	5.02	41	95044	46.748	ug/l	95
42) 1,2-Dichloroethane	6.18	62	164817	47.593	ug/l	98
43) Isopropyl Acetate	6.43	43	274219	45.252	ug/l	98
44) Trichloroethene	7.20	130	115642	49.603	ug/l	97
45) 1,2-Dichloropropane	7.50	63	114701	49.126	ug/l	99
46) Dibromomethane	7.65	93	77513	48.760	ug/l	97
47) Bromodichloromethane	7.89	83	156384	49.222	ug/l	97
48) Methyl methacrylate	7.76	41	133567	45.968	ug/l	93
49) 1,4-Dioxane	7.73	88	63472	963.080	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	865056	231.260	ug/l	96
52) Toluene	8.78	92	285047	49.732	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	175934	50.049	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190615	49.664	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	113505	49.810	ug/l	99
56) Ethyl methacrylate	9.17	69	186420	48.695	ug/l	92
57) 1,3-Dichloropropane	9.36	76	195705	49.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	422109	245.636	ug/l	99
59) 2-Hexanone	9.48	43	699756	244.395	ug/l	94
60) Dibromochloromethane	9.57	129	119096	51.629	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118121	49.807	ug/l	99
64) Tetrachloroethene	9.33	164	108177	54.778	ug/l	94
65) Chlorobenzene	10.14	112	296852	49.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	110369	51.071	ug/l	98
67) Ethyl Benzene	10.25	91	546079	50.479	ug/l	100
68) m/p-Xylenes	10.36	106	412934	101.897	ug/l	99
69) o-Xylene	10.70	106	198794	50.697	ug/l	99
70) Styrene	10.71	104	347296	52.832	ug/l	98
71) Bromoform	10.85	173	80446	53.461	ug/l	99
73) Isopropylbenzene	11.01	105	540650	48.346	ug/l	100
74) N-amyl acetate	10.89	43	241340	45.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	176807	47.739	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	173690m	47.822	ug/l	
77) Bromobenzene	11.25	156	121530	48.016	ug/l	99
78) n-propylbenzene	11.35	91	591705	46.998	ug/l	99
79) 2-Chlorotoluene	11.42	91	362909	46.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	452732	48.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58567	46.211	ug/l	98
82) 4-Chlorotoluene	11.51	91	423928	47.350	ug/l	99
83) tert-Butylbenzene	11.76	119	432240	47.781	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	457482	48.359	ug/l	100
85) sec-Butylbenzene	11.94	105	528599	50.239	ug/l	100
86) p-Isopropyltoluene	12.06	119	481651	50.733	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	229907	50.475	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	230164	50.007	ug/l	99
89) n-Butylbenzene	12.39	91	418485	50.022	ug/l	99
90) Hexachloroethane	12.59	117	82364	48.662	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	227990	49.997	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43275	46.710	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142366	51.193	ug/l	98
94) Hexachlorobutadiene	13.78	225	65486	54.737	ug/l	99
95) Naphthalene	13.83	128	503047	49.997	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	144084	51.722	ug/l	99

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

