

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100918\
 Data File : VX005182.D
 Acq On : 10 Oct 2018 02:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:02:09 PM

Quant Time: Oct 10 08:12:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194680	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	281575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	136939	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.50	113	114197	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.72	98	409618	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	156756	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157519	59.343	ug/l	96
3) Chloromethane	1.32	50	177235	55.035	ug/l	99
4) Vinyl Chloride	1.40	62	171863	56.900	ug/l	99
5) Bromomethane	1.64	94	99910	55.781	ug/l	95
6) Chloroethane	1.71	64	100788	61.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	224323	59.991	ug/l	86
8) Diethyl Ether	2.19	74	88477	54.466	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121241	56.920	ug/l	98
10) Methyl Iodide	2.51	142	145979	51.216	ug/l	91
11) Tert butyl alcohol	3.09	59	217050	279.130	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119069	56.446	ug/l	94
13) Acrolein	2.29	56	133497	241.293	ug/l	93
14) Allyl chloride	2.72	41	254643	55.326	ug/l	95
15) Acrylonitrile	3.15	53	491967	287.400	ug/l	97
16) Acetone	2.45	43	441958	272.208	ug/l	94
17) Carbon Disulfide	2.56	76	350205	55.250	ug/l	98
18) Methyl Acetate	2.78	43	247984	60.284	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	419545	57.660	ug/l	95
20) Methylene Chloride	2.85	84	133904	56.838	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	124608	53.963	ug/l	82
22) Diisopropyl ether	3.88	45	440734	56.866	ug/l #	85
23) Vinyl Acetate	3.83	43	1952865	275.271	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	245672	53.139	ug/l	99
25) 2-Butanone	4.70	43	632702	264.370	ug/l	93
26) 2,2-Dichloropropane	4.58	77	117279	36.429	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132862	51.505	ug/l	97
28) Bromochloromethane	5.02	49	100625	46.220	ug/l	97
29) Tetrahydrofuran	5.16	42	414033	278.344	ug/l	99
30) Chloroform	5.21	83	235244	53.840	ug/l	86
31) Cyclohexane	5.58	56	211544	59.785	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	197007	55.210	ug/l	96
36) 1,1-Dichloropropene	5.79	75	166967	51.281	ug/l	96
37) Ethyl Acetate	4.86	43	226684	52.450	ug/l	97
38) Carbon Tetrachloride	5.78	117	181373	52.994	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192316	57.846	ug/l #	85
40) Benzene	6.15	78	544876	53.455	ug/l	92
41) Methacrylonitrile	5.07	41	126216	52.660	ug/l	98
42) 1,2-Dichloroethane	6.20	62	187589	52.059	ug/l	96
43) Isopropyl Acetate	6.46	43	334787	53.669	ug/l	98
44) Trichloroethene	7.21	130	136165	54.339	ug/l	98
45) 1,2-Dichloropropane	7.52	63	134036	53.621	ug/l	98
46) Dibromomethane	7.66	93	88186	56.135	ug/l	100
47) Bromodichloromethane	7.90	83	169762	57.717	ug/l	97
48) Methyl methacrylate	7.78	41	172747	61.012	ug/l	98
49) 1,4-Dioxane	7.76	88	79292	1127.241	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1192866	303.703	ug/l	99
52) Toluene	8.79	92	318170	56.806	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179925	54.133	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	194323	55.818	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	131368	53.544	ug/l	97
56) Ethyl methacrylate	9.18	69	206452	51.750	ug/l	98
57) 1,3-Dichloropropane	9.37	76	220760	54.064	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	523896	247.948	ug/l	100
59) 2-Hexanone	9.50	43	957802	292.632	ug/l	95
60) Dibromochloromethane	9.59	129	138895	56.608	ug/l	99
61) 1,2-Dibromoethane	9.68	107	139253	52.998	ug/l	96
64) Tetrachloroethene	9.34	164	141605	52.153	ug/l	96
65) Chlorobenzene	10.14	112	356625	50.412	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	131190	52.750	ug/l	99
67) Ethyl Benzene	10.26	91	612002	54.491	ug/l	96
68) m/p-Xylenes	10.36	106	477147	108.718	ug/l	94
69) o-Xylene	10.70	106	229046	56.819	ug/l	100
70) Styrene	10.71	104	389128	51.543	ug/l	99
71) Bromoform	10.86	173	115755	54.366	ug/l	97
73) Isopropylbenzene	11.02	105	625314	56.563	ug/l	100
74) N-amyl acetate	10.90	43	301049	49.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	220748	49.053	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	202944m	51.624	ug/l	
77) Bromobenzene	11.26	156	166436	51.832	ug/l	100
78) n-propylbenzene	11.36	91	722554	56.963	ug/l	99
79) 2-Chlorotoluene	11.42	91	428301	54.170	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	535890	52.899	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56910	39.901	ug/l	99
82) 4-Chlorotoluene	11.51	91	506544	54.430	ug/l	100
83) tert-Butylbenzene	11.77	119	523064	57.466	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	551236	52.764	ug/l	99
85) sec-Butylbenzene	11.94	105	634601	57.240	ug/l	100
86) p-Isopropyltoluene	12.07	119	571578	56.904	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	309518	51.621	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314990	50.890	ug/l	100
89) n-Butylbenzene	12.39	91	499754	54.783	ug/l	99
90) Hexachloroethane	12.60	117	92531	55.328	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	319570	51.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54722	55.381	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	236848	53.883	ug/l	100
94) Hexachlorobutadiene	13.79	225	115779	50.795	ug/l	99
95) Naphthalene	13.83	128	755571	51.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244692	53.889	ug/l	99

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

