

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100318\
 Data File : VX004922.D
 Acq On : 02 Oct 2018 16:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:26 PM

Quant Time: Oct 03 05:07:29 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	5.66	168	245732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160685	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	132278	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
50) Toluene-d8	8.71	98	509171	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	191479	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181716	54.236	ug/l	99
3) Chloromethane	1.32	50	191434	47.094	ug/l	100
4) Vinyl Chloride	1.40	62	189739	49.767	ug/l	100
5) Bromomethane	1.64	94	124046	54.868	ug/l	95
6) Chloroethane	1.71	64	115821	56.024	ug/l	97
7) Trichlorofluoromethane	1.92	101	247982	52.540	ug/l	96
8) Diethyl Ether	2.19	74	98077	47.832	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144311	53.676	ug/l	99
10) Methyl Iodide	2.51	142	120564	33.511	ug/l	92
11) Tert butyl alcohol	3.09	59	243439	248.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129791	48.746	ug/l	94
13) Acrolein	2.29	56	174477	249.846	ug/l	92
14) Allyl chloride	2.72	41	298377	51.360	ug/l	95
15) Acrylonitrile	3.15	53	545028	252.249	ug/l	96
16) Acetone	2.45	43	555078	270.853	ug/l	94
17) Carbon Disulfide	2.56	76	372966	46.616	ug/l	100
18) Methyl Acetate	2.78	43	292131	56.262	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	485309	52.842	ug/l	96
20) Methylene Chloride	2.85	84	152766	51.291	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	141195	48.443	ug/l	89
22) Diisopropyl ether	3.87	45	507070	51.833	ug/l	96
23) Vinyl Acetate	3.82	43	2296204	256.423	ug/l	98
24) 1,1-Dichloroethane	3.69	63	283201	48.530	ug/l	100
25) 2-Butanone	4.70	43	761442	252.063	ug/l	97
26) 2,2-Dichloropropane	4.58	77	218420	53.750	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	155840	47.861	ug/l	95
28) Bromochloromethane	5.01	49	125874	45.805	ug/l	96
29) Tetrahydrofuran	5.16	42	477474	254.306	ug/l	97
30) Chloroform	5.21	83	260311	47.199	ug/l	100
31) Cyclohexane	5.57	56	244777	54.805	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	224626	49.871	ug/l	95
36) 1,1-Dichloropropene	5.79	75	197122	48.923	ug/l	94
37) Ethyl Acetate	4.86	43	260456	48.698	ug/l	99
38) Carbon Tetrachloride	5.78	117	197418	46.611	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243853	59.270	ug/l	86
40) Benzene	6.14	78	592082	46.938	ug/l	95
41) Methacrylonitrile	5.06	41	146547	49.407	ug/l	98
42) 1,2-Dichloroethane	6.20	62	209746	47.036	ug/l	97
43) Isopropyl Acetate	6.46	43	392095	50.792	ug/l	97
44) Trichloroethene	7.21	130	158246	51.031	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161222	52.118	ug/l	97
46) Dibromomethane	7.66	93	101491	52.205	ug/l	99
47) Bromodichloromethane	7.90	83	197887	54.367	ug/l	100
48) Methyl methacrylate	7.78	41	207890	59.332	ug/l	100
49) 1,4-Dioxane	7.76	88	90832	1043.467	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1393560	286.705	ug/l	99
52) Toluene	8.79	92	373250	53.850	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	229729	55.852	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	246948	57.320	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154082	50.749	ug/l	96
56) Ethyl methacrylate	9.18	69	249552	50.614	ug/l	97
57) 1,3-Dichloropropane	9.37	76	259154	51.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	668401	255.185	ug/l	100
59) 2-Hexanone	9.50	43	1140588	281.596	ug/l	95
60) Dibromochloromethane	9.59	129	160647	52.907	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159832	49.155	ug/l	95
64) Tetrachloroethene	9.34	164	156740	47.866	ug/l	96
65) Chlorobenzene	10.14	112	416769	48.850	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	152748	50.927	ug/l	99
67) Ethyl Benzene	10.26	91	718646	53.057	ug/l	96
68) m/p-Xylenes	10.36	106	560165	105.832	ug/l	95
69) o-Xylene	10.70	106	267763	55.078	ug/l	100
70) Styrene	10.71	104	457136	50.264	ug/l	100
71) Bromoform	10.86	173	132703	51.680	ug/l	96
73) Isopropylbenzene	11.02	105	731073	55.650	ug/l	100
74) N-amyl acetate	10.90	43	357568	49.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	260740	48.758	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235655m	50.446	ug/l	
77) Bromobenzene	11.26	156	192598	50.475	ug/l	99
78) n-propylbenzene	11.36	91	848998	56.326	ug/l	100
79) 2-Chlorotoluene	11.42	91	507140	53.978	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	625136	51.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	78163	45.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	598902	54.157	ug/l	100
83) tert-Butylbenzene	11.77	119	618502	57.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	645421	51.987	ug/l	100
85) sec-Butylbenzene	11.94	105	750061	56.934	ug/l	100
86) p-Isopropyltoluene	12.07	119	683920	57.299	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	364414	51.145	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	367910	50.021	ug/l	99
89) n-Butylbenzene	12.39	91	630586	58.171	ug/l	99
90) Hexachloroethane	12.60	117	106151	53.414	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	365023	49.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59779	50.912	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	283589	54.294	ug/l	99
94) Hexachlorobutadiene	13.79	225	143149	52.851	ug/l	99
95) Naphthalene	13.83	128	882150	50.872	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287580	53.298	ug/l	99

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

