

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004883.D
 Acq On : 01 Oct 2018 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159607	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.50	113	129849	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	8.71	98	495070	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	184957	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172741	57.068	ug/l	96
3) Chloromethane	1.32	50	185669	50.558	ug/l	99
4) Vinyl Chloride	1.40	62	186847	54.247	ug/l	99
5) Bromomethane	1.64	94	141620	69.337	ug/l	99
6) Chloroethane	1.71	64	108911	58.412	ug/l	97
7) Trichlorofluoromethane	1.92	101	238693	55.977	ug/l	94
8) Diethyl Ether	2.19	74	95272	51.430	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130969	53.920	ug/l	98
10) Methyl Iodide	2.51	142	135300	41.627	ug/l	98
11) Tert butyl alcohol	3.09	59	239377	269.954	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126090	52.417	ug/l	95
13) Acrolein	2.29	56	127134	201.510	ug/l	96
14) Allyl chloride	2.72	41	285237	54.346	ug/l	94
15) Acrylonitrile	3.15	53	534210	273.668	ug/l	99
16) Acetone	2.45	43	470424	254.079	ug/l	97
17) Carbon Disulfide	2.56	76	366973	50.770	ug/l	99
18) Methyl Acetate	2.78	43	280813	59.863	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	466785	56.257	ug/l	97
20) Methylene Chloride	2.85	84	147237	54.775	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	137861	52.354	ug/l	96
22) Diisopropyl ether	3.87	45	482468	54.589	ug/l	96
23) Vinyl Acetate	3.82	43	2147346	265.430	ug/l	96
24) 1,1-Dichloroethane	3.69	63	260953	49.497	ug/l	98
25) 2-Butanone	4.71	43	716900	262.683	ug/l	95
26) 2,2-Dichloropropane	4.58	77	167094	45.514	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	148651	50.533	ug/l	96
28) Bromochloromethane	5.02	49	120716	48.623	ug/l	90
29) Tetrahydrofuran	5.16	42	470815	277.561	ug/l	92
30) Chloroform	5.21	83	253412	50.859	ug/l	97
31) Cyclohexane	5.57	56	226726	56.189	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	216156	53.120	ug/l	99
36) 1,1-Dichloropropene	5.79	75	186060	48.646	ug/l	100
37) Ethyl Acetate	4.86	43	254041	50.037	ug/l	97
38) Carbon Tetrachloride	5.78	117	188523	46.890	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216607	55.461	ug/l	96
40) Benzene	6.14	78	573124	47.863	ug/l	100
41) Methacrylonitrile	5.06	41	142876	50.744	ug/l	96
42) 1,2-Dichloroethane	6.20	62	205716	48.598	ug/l	97
43) Isopropyl Acetate	6.46	43	378059	51.591	ug/l	96
44) Trichloroethene	7.21	130	150865	51.251	ug/l	95
45) 1,2-Dichloropropane	7.52	63	155497	52.954	ug/l	98
46) Dibromomethane	7.66	93	99517	53.925	ug/l	98
47) Bromodichloromethane	7.90	83	192082	55.592	ug/l	98
48) Methyl methacrylate	7.78	41	200243	60.204	ug/l	93
49) 1,4-Dioxane	7.76	88	92033	1113.766	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1357718	294.259	ug/l	96
52) Toluene	8.79	92	357435	54.324	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210609	53.940	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	229619	56.146	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	150315	52.154	ug/l	96
56) Ethyl methacrylate	9.18	69	236516	50.538	ug/l	94
57) 1,3-Dichloropropane	9.37	76	253758	52.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	646806	259.860	ug/l	94
59) 2-Hexanone	9.50	43	1083004	281.669	ug/l	94
60) Dibromochloromethane	9.59	129	155466	53.937	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154694	50.118	ug/l	100
64) Tetrachloroethene	9.34	164	148846	47.471	ug/l	97
65) Chlorobenzene	10.14	112	398575	48.789	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	145986	50.831	ug/l	99
67) Ethyl Benzene	10.26	91	681029	52.509	ug/l	98
68) m/p-Xylenes	10.36	106	532911	105.147	ug/l	95
69) o-Xylene	10.70	106	256433	55.086	ug/l	97
70) Styrene	10.71	104	437490	50.238	ug/l	97
71) Bromoform	10.86	173	128875	52.414	ug/l	99
73) Isopropylbenzene	11.02	105	685845	55.585	ug/l	99
74) N-amyl acetate	10.90	43	341302	50.314	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	253121	50.395	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227920m	51.946	ug/l	
77) Bromobenzene	11.26	156	185964	51.889	ug/l	98
78) n-propylbenzene	11.36	91	798506	56.403	ug/l	99
79) 2-Chlorotoluene	11.42	91	474819	53.807	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	589504	52.136	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	70489	44.063	ug/l	99
82) 4-Chlorotoluene	11.51	91	564152	54.314	ug/l	99
83) tert-Butylbenzene	11.77	119	576165	56.715	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	607040	52.058	ug/l	99
85) sec-Butylbenzene	11.94	105	694972	56.164	ug/l	99
86) p-Isopropyltoluene	12.07	119	628104	56.027	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342508	51.181	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	348486	50.445	ug/l	99
89) n-Butylbenzene	12.39	91	558196	54.824	ug/l	97
90) Hexachloroethane	12.60	117	99918	53.530	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	349970	50.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59258	53.733	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	261008	53.203	ug/l	98
94) Hexachlorobutadiene	13.79	225	124707	49.021	ug/l	97
95) Naphthalene	13.83	128	844250	51.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	268874	53.055	ug/l	99

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

