

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004737.D
 Acq On : 26 Sep 2018 20:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 01:14:30 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	5.66	168	266604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191953	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.50	113	160811	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	557557	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.14	95	205994	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	209406	57.607	ug/l	97
3) Chloromethane	1.32	50	241272	54.708	ug/l	93
4) Vinyl Chloride	1.40	62	213181	51.538	ug/l	100
5) Bromomethane	1.64	94	127276	51.890	ug/l	100
6) Chloroethane	1.71	64	136828	61.221	ug/l	97
7) Trichlorofluoromethane	1.92	101	267380	52.215	ug/l	94
8) Diethyl Ether	2.19	74	109774	49.345	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155413	53.280	ug/l	99
10) Methyl Iodide	2.51	142	207853	53.250	ug/l	99
11) Tert butyl alcohol	3.08	59	281117	263.990	ug/l	100
12) 1,1-Dichloroethene	2.37	96	149971	51.915	ug/l	95
13) Acrolein	2.29	56	176721	233.247	ug/l	92
14) Allyl chloride	2.73	41	339887	53.925	ug/l	92
15) Acrylonitrile	3.15	53	628242	267.999	ug/l	98
16) Acetone	2.45	43	540876	243.261	ug/l	95
17) Carbon Disulfide	2.56	76	448797	51.703	ug/l	98
18) Methyl Acetate	2.78	43	291689	51.779	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	522216	52.409	ug/l #	90
20) Methylene Chloride	2.85	84	176255	54.598	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	156821	49.592	ug/l	93
22) Diisopropyl ether	3.88	45	592481	55.822	ug/l	96
23) Vinyl Acetate	3.82	43	2660244	273.819	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	313921	49.583	ug/l	96
25) 2-Butanone	4.71	43	854384	260.688	ug/l	93
26) 2,2-Dichloropropane	4.59	77	220182	49.942	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	184746	52.297	ug/l	99
28) Bromochloromethane	5.01	49	145215	48.706	ug/l	90
29) Tetrahydrofuran	5.15	42	574116	281.839	ug/l	91
30) Chloroform	5.21	83	297069	49.647	ug/l	96
31) Cyclohexane	5.57	56	288571	59.552	ug/l #	86
32) 1,1,1-Trichloroethane	5.49	97	256445	52.478	ug/l	99
36) 1,1-Dichloropropene	5.81	75	222348	51.015	ug/l	99
37) Ethyl Acetate	4.86	43	305740	52.846	ug/l	99
38) Carbon Tetrachloride	5.79	117	225481	49.215	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246916	55.481	ug/l	95
40) Benzene	6.15	78	731106	53.580	ug/l	93
41) Methacrylonitrile	5.06	41	174648	54.433	ug/l	94
42) 1,2-Dichloroethane	6.20	62	249108	51.643	ug/l	97
43) Isopropyl Acetate	6.46	43	431449	51.668	ug/l	98
44) Trichloroethene	7.21	130	173574	51.746	ug/l	96
45) 1,2-Dichloropropane	7.52	63	169631	50.694	ug/l	99
46) Dibromomethane	7.66	93	109773	52.199	ug/l	97
47) Bromodichloromethane	7.90	83	209080	53.103	ug/l	98
48) Methyl methacrylate	7.78	41	220738	58.240	ug/l	93
49) 1,4-Dioxane	7.76	88	102808	1091.823	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1503045	285.869	ug/l	95
52) Toluene	8.79	92	395716	52.778	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	239074	53.733	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	255776	54.884	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	164572	50.109	ug/l	97
56) Ethyl methacrylate	9.18	69	262778	49.346	ug/l	95
57) 1,3-Dichloropropane	9.37	76	275226	50.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	749791	264.105	ug/l	94
59) 2-Hexanone	9.50	43	1196622	273.112	ug/l	93
60) Dibromochloromethane	9.59	129	169670	51.658	ug/l	99
61) 1,2-Dibromoethane	9.68	107	170569	48.495	ug/l	100
64) Tetrachloroethene	9.34	164	165605	47.228	ug/l	98
65) Chlorobenzene	10.14	112	440054	48.168	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	159201	49.568	ug/l	99
67) Ethyl Benzene	10.26	91	754899	52.047	ug/l	98
68) m/p-Xylenes	10.36	106	590522	104.188	ug/l	96
69) o-Xylene	10.70	106	280930	53.964	ug/l	96
70) Styrene	10.71	104	479041	49.234	ug/l	97
71) Bromoform	10.86	173	139669	50.795	ug/l #	99
73) Isopropylbenzene	11.02	105	753875	55.272	ug/l	99
74) N-amyl acetate	10.90	43	376624	50.230	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	270652	48.748	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	316022	65.158	ug/l	89
77) Bromobenzene	11.26	156	201988	50.986	ug/l	97
78) n-propylbenzene	11.36	91	868328	55.486	ug/l	100
79) 2-Chlorotoluene	11.42	91	524640	53.784	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	644281	51.545	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	81131	45.797	ug/l	98
82) 4-Chlorotoluene	11.51	91	617329	53.767	ug/l	99
83) tert-Butylbenzene	11.77	119	621197	55.318	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	665122	51.599	ug/l	98
85) sec-Butylbenzene	11.94	105	756104	55.278	ug/l	98
86) p-Isopropyltoluene	12.07	119	679953	54.868	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	371079	50.163	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	376861	49.351	ug/l	99
89) n-Butylbenzene	12.39	91	608804	54.093	ug/l	97
90) Hexachloroethane	12.60	117	103385	50.106	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377393	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62774	51.493	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279965	51.626	ug/l	99
94) Hexachlorobutadiene	13.79	225	134220	47.729	ug/l	97
95) Naphthalene	13.83	128	915693	50.861	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	285672	50.995	ug/l	99

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

