

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072518\
 Data File : VX003650.D
 Acq On : 25 Jul 2018 10:15
 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
 7/27/2018 5:29:31 PM

Quant Time: Jul 27 04:07:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	167213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	83142	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.49	113	67877	49.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.72	98	260857	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	97339	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58910	45.59	ug/l	96
3) Chloromethane	1.32	50	75935	44.61	ug/l	95
4) Vinyl Chloride	1.40	62	80963	46.50	ug/l	92
5) Bromomethane	1.64	94	48317	57.47	ug/l	95
6) Chloroethane	1.72	64	50301	42.15	ug/l	98
7) Trichlorofluoromethane	1.93	101	107598	48.01	ug/l	99
8) Diethyl Ether	2.19	74	47164	48.03	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68333	49.54	ug/l	97
10) Methyl Iodide	2.51	142	86967	46.98	ug/l	99
11) Tert butyl alcohol	3.07	59	91287	227.21	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63985	48.75	ug/l	86
13) Acrolein	2.29	56	45837	226.02	ug/l	97
14) Allyl chloride	2.73	41	129881	47.48	ug/l	97
15) Acrylonitrile	3.15	53	231745	238.73	ug/l	98
16) Acetone	2.45	43	177935	225.34	ug/l	100
17) Carbon Disulfide	2.57	76	176975	46.88	ug/l	100
18) Methyl Acetate	2.78	43	113011	47.39	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	231181	49.88	ug/l	97
20) Methylene Chloride	2.86	84	74199	47.42	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	66595	47.19	ug/l	99
22) Diisopropyl ether	3.87	45	234891	47.02	ug/l	# 87
23) Vinyl Acetate	3.82	43	1086660	253.95	ug/l	98
24) 1,1-Dichloroethane	3.70	63	131345	46.65	ug/l	99
25) 2-Butanone	4.71	43	286567	234.92	ug/l	96
26) 2,2-Dichloropropane	4.59	77	93364	52.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	74094	48.36	ug/l	98
28) Bromochloromethane	5.01	49	53913	47.72	ug/l	99
29) Tetrahydrofuran	5.16	42	189937	239.20	ug/l	97
30) Chloroform	5.21	83	123645	48.42	ug/l	95
31) Cyclohexane	5.58	56	113385	50.17	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	102767	48.46	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94827	48.52	ug/l	98
37) Ethyl Acetate	4.87	43	110564	47.04	ug/l	99
38) Carbon Tetrachloride	5.78	117	90282	47.92	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109076	50.70	ug/l	99
40) Benzene	6.14	78	276733	47.84	ug/l	99
41) Methacrylonitrile	5.06	41	63636	48.90	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99023	48.64	ug/l	100
43) Isopropyl Acetate	6.46	43	169026	49.30	ug/l	99
44) Trichloroethene	7.21	130	71859	46.34	ug/l	97
45) 1,2-Dichloropropane	7.52	63	73663	49.27	ug/l	98
46) Dibromomethane	7.67	93	47594	49.55	ug/l	99
47) Bromodichloromethane	7.90	83	90289	50.14	ug/l	99
48) Methyl methacrylate	7.78	41	88108	50.64	ug/l	99
49) 1,4-Dioxane	7.76	88	37695	971.12	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	564679	244.10	ug/l	99
52) Toluene	8.79	92	173828	48.35	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105423	52.87	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	113214	51.60	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72249	49.16	ug/l	99
56) Ethyl methacrylate	9.18	69	114899	52.54	ug/l	100
57) 1,3-Dichloropropane	9.37	76	121925	49.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	288390	262.41	ug/l	100
59) 2-Hexanone	9.50	43	431591	243.21	ug/l	100
60) Dibromochloromethane	9.59	129	72223	51.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	75296	49.20	ug/l	99
64) Tetrachloroethene	9.34	164	68101	47.64	ug/l	98
65) Chlorobenzene	10.14	112	195586	49.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69186	50.58	ug/l	99
67) Ethyl Benzene	10.26	91	336092	51.03	ug/l	100
68) m/p-Xylenes	10.36	106	261271	103.40	ug/l	99
69) o-Xylene	10.70	106	126001	51.80	ug/l	100
70) Styrene	10.71	104	214944	52.60	ug/l	100
71) Bromoform	10.86	173	56311	52.06	ug/l #	98
73) Isopropylbenzene	11.02	105	337580	50.48	ug/l	99
74) N-amyl acetate	6.46	43	169026	48.46	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	116377	47.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102494m	49.92	ug/l	
77) Bromobenzene	11.26	156	89192	49.10	ug/l	100
78) n-propylbenzene	11.36	91	398650	51.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	232500	49.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	291212	51.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	36166	54.58	ug/l	97
82) 4-Chlorotoluene	11.51	91	278027	50.29	ug/l	100
83) tert-Butylbenzene	11.77	119	281754	50.89	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	300763	51.72	ug/l	100
85) sec-Butylbenzene	11.95	105	340037	51.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	307326	51.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	166515	49.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	170254	48.41	ug/l	100
89) n-Butylbenzene	12.39	91	278395	52.08	ug/l	100
90) Hexachloroethane	12.60	117	45551	50.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	167579	48.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24998	48.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124840	50.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	56819	49.80	ug/l	99
95) Naphthalene	13.83	128	389134	52.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126880	50.65	ug/l	99

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

