

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003472.D
 Acq On : 19 Jul 2018 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:13 PM

Quant Time: Jul 20 04:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	425333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	263369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196191	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	178491	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	684917	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
62) 4-Bromofluorobenzene	11.14	95	251949	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137366	53.11	ug/l	99
3) Chloromethane	1.32	50	168117	52.46	ug/l	100
4) Vinyl Chloride	1.40	62	196353	47.41	ug/l	100
5) Bromomethane	1.64	94	87802	53.46	ug/l	100
6) Chloroethane	1.72	64	124773	50.91	ug/l	100
7) Trichlorofluoromethane	1.92	101	274265	49.63	ug/l	98
8) Diethyl Ether	2.19	74	116812	49.22	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	177346	49.04	ug/l	97
10) Methyl Iodide	2.51	142	188722	43.44	ug/l	93
11) Tert butyl alcohol	3.07	59	197434	258.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164106	49.28	ug/l	91
13) Acrolein	2.29	56	83017	240.58	ug/l	98
14) Allyl chloride	2.73	41	305379	51.80	ug/l	87
15) Acrylonitrile	3.15	53	486424	250.17	ug/l	98
16) Acetone	2.45	43	371229	254.64	ug/l #	89
17) Carbon Disulfide	2.57	76	459640	51.04	ug/l	98
18) Methyl Acetate	2.78	43	237674	51.71	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	555251	51.06	ug/l	100
20) Methylene Chloride	2.86	84	184907	51.91	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	179807	48.53	ug/l	93
22) Diisopropyl ether	3.87	45	556957	50.21	ug/l	95
23) Vinyl Acetate	3.82	43	2305056	252.27	ug/l	95
24) 1,1-Dichloroethane	3.69	63	330631	50.80	ug/l	100
25) 2-Butanone	4.71	43	609471	249.17	ug/l	92
26) 2,2-Dichloropropane	4.58	77	239927	48.54	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	199873	48.45	ug/l	96
28) Bromochloromethane	5.02	49	141524	49.75	ug/l	87
29) Tetrahydrofuran	5.16	42	398471	246.61	ug/l	91
30) Chloroform	5.21	83	318469	50.11	ug/l	96
31) Cyclohexane	5.57	56	287735	49.48	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	274109	50.37	ug/l	97
36) 1,1-Dichloropropene	5.80	75	244113	50.46	ug/l	98
37) Ethyl Acetate	4.86	43	236568	51.68	ug/l	95
38) Carbon Tetrachloride	5.78	117	244757	51.58	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	302594	52.81	ug/l	94
40) Benzene	6.14	78	742290	50.82	ug/l	100
41) Methacrylonitrile	5.06	41	137096	50.96	ug/l	91
42) 1,2-Dichloroethane	6.20	62	237474	51.61	ug/l	95
43) Isopropyl Acetate	6.46	43	377126	51.79	ug/l #	93
44) Trichloroethene	7.21	130	220576	50.64	ug/l	100
45) 1,2-Dichloropropane	7.52	63	190220	51.29	ug/l	99
46) Dibromomethane	7.67	93	123197	51.60	ug/l	95
47) Bromodichloromethane	7.90	83	234011	53.54	ug/l	97
48) Methyl methacrylate	7.78	41	198126	53.96	ug/l	84
49) 1,4-Dioxane	7.76	88	86935	1044.89	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1235877	268.66	ug/l	91
52) Toluene	8.79	92	476874	51.87	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	291541	54.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	264345	54.64	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	189644	51.84	ug/l	98
56) Ethyl methacrylate	9.18	69	280524	54.44	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	307810	52.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	666605	266.06	ug/l	97
59) 2-Hexanone	9.50	43	925398	271.51	ug/l	89
60) Dibromochloromethane	9.59	129	195757	54.06	ug/l	100
61) 1,2-Dibromoethane	9.68	107	197779	52.15	ug/l	99
64) Tetrachloroethene	9.34	164	258842	49.95	ug/l	98
65) Chlorobenzene	10.14	112	540282	49.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	194692	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	909431	51.61	ug/l	99
68) m/p-Xylenes	10.36	106	719067	104.09	ug/l	96
69) o-Xylene	10.70	106	344616	51.59	ug/l	95
70) Styrene	10.71	104	582094	52.98	ug/l	97
71) Bromoform	10.86	173	154995	52.91	ug/l	100
73) Isopropylbenzene	11.02	105	928575	50.98	ug/l	99
74) N-amyl acetate	6.46	43	377126	48.76	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	263461	49.36	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	278824m	58.93	ug/l	
77) Bromobenzene	11.26	156	253435	48.38	ug/l	97
78) n-propylbenzene	11.36	91	1046699	51.70	ug/l	98
79) 2-Chlorotoluene	11.42	91	616347	50.14	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	770542	51.47	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	80461	48.38	ug/l	88
82) 4-Chlorotoluene	11.51	91	725997	50.41	ug/l	97
83) tert-Butylbenzene	11.77	119	745979	50.89	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	789919	51.86	ug/l	97
85) sec-Butylbenzene	11.95	105	915209	51.40	ug/l	100
86) p-Isopropyltoluene	12.07	119	832263	52.08	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	466579	48.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	469366	47.32	ug/l	99
89) n-Butylbenzene	12.39	91	706748	52.08	ug/l	98
90) Hexachloroethane	12.60	117	117580	51.76	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	462021	48.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52583	50.62	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	341615	49.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	165137	49.36	ug/l	98
95) Naphthalene	13.83	128	938098	51.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	340340	49.43	ug/l	100

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

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