

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003545.D
 Acq On : 21 Jul 2018 10:19
 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
 7/23/2018 3:19:07 PM

Quant Time: Jul 23 01:45:13 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	336559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255962	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	201419	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.49	113	186122	56.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.70%	
50) Toluene-d8	8.72	98	652900	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	237891	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156342	58.637	ug/l	92
3) Chloromethane	1.32	50	198744	60.250	ug/l	97
4) Vinyl Chloride	1.40	62	228319	53.402	ug/l	97
5) Bromomethane	1.64	94	123158	73.581	ug/l	90
6) Chloroethane	1.72	64	144065	56.943	ug/l	98
7) Trichlorofluoromethane	1.93	101	313133	54.896	ug/l	95
8) Diethyl Ether	2.19	74	128575	52.483	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	202620	54.273	ug/l	95
10) Methyl Iodide	2.51	142	262935	58.627	ug/l	93
11) Tert butyl alcohol	3.06	59	197540	250.577	ug/l	99
12) 1,1-Dichloroethene	2.37	96	185367	53.925	ug/l #	78
13) Acrolein	2.29	56	82488	231.582	ug/l	97
14) Allyl chloride	2.73	41	350318	57.569	ug/l	87
15) Acrylonitrile	3.15	53	532933	265.527	ug/l	95
16) Acetone	2.45	43	523076	347.595	ug/l	97
17) Carbon Disulfide	2.57	76	511872	55.061	ug/l	99
18) Methyl Acetate	2.78	43	261389	55.098	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	626161	55.783	ug/l	97
20) Methylene Chloride	2.86	84	211620	57.645	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	204902	53.573	ug/l #	80
22) Diisopropyl ether	3.87	45	654691	57.176	ug/l	95
23) Vinyl Acetate	3.82	43	2699913	286.253	ug/l	96
24) 1,1-Dichloroethane	3.69	63	371527	55.302	ug/l	99
25) 2-Butanone	4.70	43	729676	288.998	ug/l	99
26) 2,2-Dichloropropane	4.59	77	298479	58.496	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	226301	53.140	ug/l	97
28) Bromochloromethane	5.02	49	154318	52.552	ug/l	90
29) Tetrahydrofuran	5.15	42	422592	253.369	ug/l	91
30) Chloroform	5.21	83	361347	55.081	ug/l	99
31) Cyclohexane	5.57	56	323669	53.921	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	312077	55.552	ug/l	98
36) 1,1-Dichloropropene	5.80	75	279473	60.226	ug/l	99
37) Ethyl Acetate	4.86	43	258176	58.795	ug/l	96
38) Carbon Tetrachloride	5.78	117	282872	62.146	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	304312	55.368	ug/l	95
40) Benzene	6.14	78	804578	57.426	ug/l	99
41) Methacrylonitrile	5.06	41	150705	58.395	ug/l	92
42) 1,2-Dichloroethane	6.19	62	267449	60.586	ug/l	96
43) Isopropyl Acetate	6.46	43	375278	53.725	ug/l	94
44) Trichloroethene	7.21	130	223496	53.490	ug/l	99
45) 1,2-Dichloropropane	7.52	63	194703	54.729	ug/l	99
46) Dibromomethane	7.67	93	124719	54.454	ug/l	96
47) Bromodichloromethane	7.90	83	241079	57.497	ug/l	97
48) Methyl methacrylate	7.77	41	195222	55.421	ug/l	86
49) 1,4-Dioxane	7.76	88	76680	960.735	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1207293	273.585	ug/l	92
52) Toluene	8.79	92	484410	54.928	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	301872	58.493	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	272821	58.784	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	191149	54.469	ug/l	98
56) Ethyl methacrylate	9.18	69	279499	56.546	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	310717	54.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	731007	304.146	ug/l	98
59) 2-Hexanone	9.50	43	973435	297.725	ug/l	90
60) Dibromochloromethane	9.59	129	198261	57.077	ug/l	99
61) 1,2-Dibromoethane	9.68	107	197619	54.323	ug/l	99
64) Tetrachloroethene	9.34	164	265583	52.875	ug/l	96
65) Chlorobenzene	10.14	112	553717	52.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	198321	54.267	ug/l	99
67) Ethyl Benzene	10.26	91	937033	54.867	ug/l	100
68) m/p-Xylenes	10.36	106	732799	109.448	ug/l	96
69) o-Xylene	10.70	106	351470	54.286	ug/l	96
70) Styrene	10.71	104	593907	55.767	ug/l	97
71) Bromoform	10.86	173	155775	54.860	ug/l	99
73) Isopropylbenzene	11.02	105	935125	52.825	ug/l	100
74) N-amyl acetate	6.46	43	375342	49.935	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	257632	49.664	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241233m	52.461	ug/l	
77) Bromobenzene	11.26	156	257879	50.650	ug/l	97
78) n-propylbenzene	11.36	91	1065451	54.145	ug/l	98
79) 2-Chlorotoluene	11.42	91	629693	52.713	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	795370	54.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80930	49.987	ug/l	85
82) 4-Chlorotoluene	11.51	91	744481	53.187	ug/l	98
83) tert-Butylbenzene	11.77	119	755024	52.994	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	815782	55.107	ug/l	98
85) sec-Butylbenzene	11.95	105	938920	54.257	ug/l	100
86) p-Isopropyltoluene	12.07	119	853694	54.969	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	473172	50.558	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	481520	49.945	ug/l	99
89) n-Butylbenzene	12.39	91	744109	56.425	ug/l	99
90) Hexachloroethane	12.60	117	117171	53.073	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	470600	51.018	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50395	49.919	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	347809	51.448	ug/l	100
94) Hexachlorobutadiene	13.79	225	170628	52.481	ug/l	99
95) Naphthalene	13.83	128	932115	52.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	342796	51.223	ug/l	99

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

