

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017297.D
 Acq On : 09 Jul 2020 09:45
 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
 7/10/2020 12:36:30 PM

Quant Time: Jul 10 07:09:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	294070	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	419334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	165542	45.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.32%	
35) Dibromofluoromethane	5.46	113	135386	51.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.08%	
50) Toluene-d8	8.70	98	493077	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.12	95	204125	53.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	132496	46.572	ug/l	95
3) Chloromethane	1.31	50	135615	39.381	ug/l	96
4) Vinyl Chloride	1.39	62	137471	43.026	ug/l	99
5) Bromomethane	1.62	94	75835	44.925	ug/l	100
6) Chloroethane	1.70	64	89282	47.314	ug/l	99
7) Trichlorofluoromethane	1.91	101	246591	52.184	ug/l	100
8) Diethyl Ether	2.17	74	83590	52.556	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133963	47.301	ug/l	97
10) Methyl Iodide	2.49	142	153743	42.070	ug/l	99
11) Tert butyl alcohol	3.01	59	156759	226.662	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124720	42.868	ug/l	98
13) Acrolein	2.27	56	100867	243.979	ug/l	100
14) Allyl chloride	2.70	41	240846	44.793	ug/l	97
15) Acrylonitrile	3.11	53	390704	234.999	ug/l	99
16) Acetone	2.42	43	319232	235.389	ug/l	98
17) Carbon Disulfide	2.55	76	357963	44.093	ug/l	100
18) Methyl Acetate	2.75	43	179170	50.608	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	492776	50.466	ug/l	98
20) Methylene Chloride	2.83	84	156908	50.454	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	151620	46.960	ug/l	97
22) Diisopropyl ether	3.82	45	485421	48.778	ug/l	94
23) Vinyl Acetate	3.78	43	2107976	246.504	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268716	47.456	ug/l	99
25) 2-Butanone	4.63	43	516472	228.552	ug/l	97
26) 2,2-Dichloropropane	4.54	77	258914	51.498	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171503	46.880	ug/l	98
28) Bromochloromethane	4.98	49	121484	44.089	ug/l	94
29) Tetrahydrofuran	5.09	42	339955	227.688	ug/l	99
30) Chloroform	5.17	83	290792	50.097	ug/l	98
31) Cyclohexane	5.54	56	221259	45.206	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	268264	50.183	ug/l	99
36) 1,1-Dichloropropene	5.77	75	212560	53.633	ug/l	100
37) Ethyl Acetate	4.79	43	207548	51.614	ug/l	99
38) Carbon Tetrachloride	5.75	117	245752	56.298	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230599	52.295	ug/l	98
40) Benzene	6.11	78	600754	51.591	ug/l	99
41) Methacrylonitrile	5.01	41	115164	50.886	ug/l	98
42) 1,2-Dichloroethane	6.16	62	235877	56.080	ug/l	99
43) Isopropyl Acetate	6.41	43	344464	51.552	ug/l	100
44) Trichloroethene	7.18	130	183058	57.012	ug/l	98
45) 1,2-Dichloropropane	7.49	63	159232	53.240	ug/l	99
46) Dibromomethane	7.63	93	112174	54.936	ug/l	95
47) Bromodichloromethane	7.87	83	240644	57.188	ug/l	96
48) Methyl methacrylate	7.74	41	173472	54.645	ug/l	98
49) 1,4-Dioxane	7.71	88	67578	939.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1076713	270.321	ug/l	100
52) Toluene	8.76	92	397795	54.716	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	267672	57.653	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	277808	55.818	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171087	57.597	ug/l	98
56) Ethyl methacrylate	9.16	69	247530	58.547	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274130	54.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	578578	274.968	ug/l	98
59) 2-Hexanone	9.47	43	838168	288.131	ug/l	99
60) Dibromochloromethane	9.56	129	208589	60.460	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180794	56.624	ug/l	99
64) Tetrachloroethene	9.32	164	183001	55.083	ug/l	95
65) Chlorobenzene	10.12	112	460701	54.225	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	187932	57.396	ug/l	98
67) Ethyl Benzene	10.23	91	779188	54.916	ug/l	97
68) m/p-Xylenes	10.34	106	614853	112.859	ug/l	99
69) o-Xylene	10.68	106	290485	56.049	ug/l	98
70) Styrene	10.70	104	522716	59.228	ug/l	99
71) Bromoform	10.84	173	153870	59.260	ug/l #	99
73) Isopropylbenzene	11.00	105	797986	55.871	ug/l	100
74) N-amyl acetate	10.88	43	324005	53.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228198	50.793	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224809m	52.429	ug/l	
77) Bromobenzene	11.24	156	213833	54.474	ug/l	97
78) n-propylbenzene	11.34	91	918953	56.896	ug/l	100
79) 2-Chlorotoluene	11.40	91	544412	55.694	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	678072	57.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87801	53.027	ug/l #	91
82) 4-Chlorotoluene	11.49	91	648395	55.488	ug/l	99
83) tert-Butylbenzene	11.76	119	660109	56.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	694684	57.799	ug/l	100
85) sec-Butylbenzene	11.93	105	766793	56.091	ug/l	100
86) p-Isopropyltoluene	12.05	119	729850	57.350	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	381032	53.446	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	381416	56.756	ug/l	99
89) n-Butylbenzene	12.37	91	616805	54.281	ug/l	99
90) Hexachloroethane	12.58	117	134405	53.556	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	360659	54.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53144	49.586	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251984	55.399	ug/l	100
94) Hexachlorobutadiene	13.76	225	98855	57.143	ug/l	98
95) Naphthalene	13.82	128	766978	55.464	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	249131	56.596	ug/l	99

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

