

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017586.D
 Acq On : 25 Jul 2020 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:27 AM

Quant Time: Jul 27 02:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	487265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	800665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	688611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	358012	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	5.47	113	275379	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.70	98	976268	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	377367	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	208172	45.967	ug/l	99
3) Chloromethane	1.31	50	310662	51.567	ug/l	99
4) Vinyl Chloride	1.39	62	302193	49.284	ug/l	100
5) Bromomethane	1.62	94	179498	54.754	ug/l	100
6) Chloroethane	1.70	64	179809	53.229	ug/l	93
7) Trichlorofluoromethane	1.91	101	444831	46.123	ug/l	100
8) Diethyl Ether	2.17	74	169023	54.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229029	43.274	ug/l	96
10) Methyl Iodide	2.49	142	320747	47.371	ug/l	98
11) Tert butyl alcohol	3.02	59	403349	305.761	ug/l	99
12) 1,1-Dichloroethene	2.35	96	250470	49.766	ug/l	97
13) Acrolein	2.28	56	237852	236.389	ug/l	98
14) Allyl chloride	2.71	41	458903	49.935	ug/l	99
15) Acrylonitrile	3.12	53	822893	288.811	ug/l	99
16) Acetone	2.42	43	780903	283.463	ug/l	97
17) Carbon Disulfide	2.55	76	730756	47.769	ug/l	99
18) Methyl Acetate	2.75	43	367168	56.591	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	956879	54.930	ug/l	99
20) Methylene Chloride	2.84	84	302947	58.610	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	284865	52.834	ug/l	98
22) Diisopropyl ether	3.82	45	943230	56.133	ug/l #	86
23) Vinyl Acetate	3.79	43	4287157	286.145	ug/l	100
24) 1,1-Dichloroethane	3.67	63	532126	54.973	ug/l	99
25) 2-Butanone	4.63	43	1193741	305.026	ug/l	98
26) 2,2-Dichloropropane	4.55	77	262401	30.284	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	320646	54.753	ug/l	95
28) Bromochloromethane	4.98	49	219421	50.022	ug/l	99
29) Tetrahydrofuran	5.09	42	761318	314.054	ug/l	98
30) Chloroform	5.18	83	552724	55.884	ug/l	97
31) Cyclohexane	5.55	56	377954	48.963	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	497711	53.364	ug/l	100
36) 1,1-Dichloropropene	5.77	75	380401	49.537	ug/l	100
37) Ethyl Acetate	4.79	43	453050	53.921	ug/l	100
38) Carbon Tetrachloride	5.75	117	451923	48.463	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	365150	40.733	ug/l	99
40) Benzene	6.12	78	1142405	51.891	ug/l	98
41) Methacrylonitrile	5.01	41	252690	52.469	ug/l	99
42) 1,2-Dichloroethane	6.17	62	478462	53.123	ug/l	99
43) Isopropyl Acetate	6.42	43	746028	53.814	ug/l	100
44) Trichloroethene	7.19	130	333832	51.887	ug/l	100
45) 1,2-Dichloropropane	7.49	63	305646	50.081	ug/l	99
46) Dibromomethane	7.64	93	217327	50.387	ug/l	98
47) Bromodichloromethane	7.88	83	453783	52.288	ug/l	98
48) Methyl methacrylate	7.75	41	373269	54.319	ug/l	99
49) 1,4-Dioxane	7.71	88	167168	1268.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2318525	280.302	ug/l	99
52) Toluene	8.77	92	712699	50.478	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457748	47.118	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	480870	48.528	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	302258	51.390	ug/l	99
56) Ethyl methacrylate	9.16	69	475081	53.614	ug/l	99
57) 1,3-Dichloropropane	9.35	76	496355	51.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1202996	257.686	ug/l	99
59) 2-Hexanone	9.48	43	1720470	276.269	ug/l	99
60) Dibromochloromethane	9.57	129	370946	49.621	ug/l	99
61) 1,2-Dibromoethane	9.65	107	314238	50.183	ug/l	100
64) Tetrachloroethene	9.32	164	315856	51.105	ug/l	96
65) Chlorobenzene	10.12	112	730747	49.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	301876	50.183	ug/l	100
67) Ethyl Benzene	10.24	91	1257912	50.558	ug/l	100
68) m/p-Xylenes	10.34	106	998163	103.558	ug/l	99
69) o-Xylene	10.68	106	489055	52.755	ug/l	98
70) Styrene	10.69	104	865625	54.882	ug/l	99
71) Bromoform	10.84	173	280408	53.803	ug/l #	97
73) Isopropylbenzene	11.00	105	1400077	49.378	ug/l	99
74) N-amyl acetate	10.88	43	586979	46.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	423708	47.874	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	395779m	46.550	ug/l	
77) Bromobenzene	11.24	156	385190	48.525	ug/l	97
78) n-propylbenzene	11.35	91	1475918	46.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	897659	45.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1128185	46.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	139294	41.282	ug/l	96
82) 4-Chlorotoluene	11.49	91	1084632	46.415	ug/l	100
83) tert-Butylbenzene	11.76	119	1073273	46.332	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1135221	47.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1210796	44.869	ug/l	99
86) p-Isopropyltoluene	12.05	119	1165458	45.352	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	628182	46.084	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	723075	51.211	ug/l	100
89) n-Butylbenzene	12.37	91	1084064	47.342	ug/l	99
90) Hexachloroethane	12.58	117	242339	47.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	678578	50.650	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108240	43.594	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418262	45.744	ug/l	98
94) Hexachlorobutadiene	13.77	225	166289	39.509	ug/l	95
95) Naphthalene	13.82	128	1375480	50.393	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	427820	47.387	ug/l	99

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

