

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016449.D
 Acq On : 27 May 2020 15:27
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:24 PM

Quant Time: May 27 16:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178977	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.46	113	138368	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.70	98	547397	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.12	95	206058	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	151974	49.930	ug/l	100
3) Chloromethane	1.31	50	171771	48.544	ug/l	100
4) Vinyl Chloride	1.39	62	184498	48.773	ug/l	100
5) Bromomethane	1.62	94	85721	45.529	ug/l	100
6) Chloroethane	1.70	64	109227	47.923	ug/l	100
7) Trichlorofluoromethane	1.91	101	246432	49.638	ug/l	100
8) Diethyl Ether	2.17	74	98462	47.275	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134991	47.495	ug/l	100
10) Methyl Iodide	2.49	142	154128	42.028	ug/l	100
11) Tert butyl alcohol	3.02	59	236458	246.733	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140316	47.144	ug/l	100
13) Acrolein	2.27	56	93770	167.710	ug/l	100
14) Allyl chloride	2.70	41	263744	48.167	ug/l	100
15) Acrylonitrile	3.12	53	494361	247.828	ug/l	100
16) Acetone	2.42	43	410010	242.645	ug/l	100
17) Carbon Disulfide	2.55	76	422273	41.707	ug/l	100
18) Methyl Acetate	2.75	43	210718	50.314	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	520831	50.301	ug/l	100
20) Methylene Chloride	2.83	84	163715	46.948	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	156678	46.923	ug/l	100
22) Diisopropyl ether	3.82	45	517957	49.813	ug/l	100
23) Vinyl Acetate	3.79	43	2324947	254.473	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288706	49.659	ug/l	100
25) 2-Butanone	4.64	43	708696	258.396	ug/l	100
26) 2,2-Dichloropropane	4.55	77	226186	43.511	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	180506	49.324	ug/l	100
28) Bromochloromethane	4.98	49	124889	47.311	ug/l	100
29) Tetrahydrofuran	5.09	42	462132	254.621	ug/l	100
30) Chloroform	5.18	83	288548	49.873	ug/l	100
31) Cyclohexane	5.55	56	253383	48.473	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	263512	50.053	ug/l	100
36) 1,1-Dichloropropene	5.77	75	219493	49.060	ug/l	100
37) Ethyl Acetate	4.79	43	265758	51.170	ug/l	100
38) Carbon Tetrachloride	5.76	117	232530	50.970	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240002	45.387	ug/l	100
40) Benzene	6.11	78	659123	50.239	ug/l	100
41) Methacrylonitrile	5.00	41	142438	50.884	ug/l	100
42) 1,2-Dichloroethane	6.17	62	234895	49.774	ug/l	100
43) Isopropyl Acetate	6.42	43	415601	50.274	ug/l	100
44) Trichloroethene	7.19	130	202671	44.282	ug/l	100
45) 1,2-Dichloropropane	7.49	63	167944	50.669	ug/l	100
46) Dibromomethane	7.64	93	112143	49.794	ug/l	100
47) Bromodichloromethane	7.88	83	235236	51.261	ug/l	100
48) Methyl methacrylate	7.74	41	201777	51.358	ug/l	100
49) 1,4-Dioxane	7.71	88	94386	1004.566	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1333405	262.773	ug/l	100
52) Toluene	8.77	92	417387	51.046	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	269480	49.428	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	283933	49.826	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	164487	51.180	ug/l	100
56) Ethyl methacrylate	9.16	69	278223	52.892	ug/l	100
57) 1,3-Dichloropropane	9.35	76	285909	50.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	701982	252.191	ug/l	100
59) 2-Hexanone	9.48	43	1048837	262.800	ug/l	100
60) Dibromochloromethane	9.57	129	189416	53.299	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177450	51.122	ug/l	100
64) Tetrachloroethene	9.32	164	236945	46.329	ug/l	100
65) Chlorobenzene	10.12	112	442626	50.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	168241	51.448	ug/l	100
67) Ethyl Benzene	10.24	91	799954	50.791	ug/l	100
68) m/p-Xylenes	10.34	106	600420	101.984	ug/l	100
69) o-Xylene	10.68	106	286147	50.605	ug/l	100
70) Styrene	10.70	104	506557	52.554	ug/l	100
71) Bromoform	10.84	173	148418	55.279	ug/l	100
73) Isopropylbenzene	11.00	105	767450	49.454	ug/l	100
74) N-amyl acetate	10.88	43	358999	49.594	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	196235	67.817	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	242117m	49.921	ug/l	
77) Bromobenzene	11.24	156	196068	48.756	ug/l	100
78) n-propylbenzene	11.34	91	865953	48.083	ug/l	100
79) 2-Chlorotoluene	11.40	91	521655	48.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	649890	49.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97065	48.286	ug/l	100
82) 4-Chlorotoluene	11.49	91	617002	48.935	ug/l	100
83) tert-Butylbenzene	11.76	119	556882	49.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	655683	49.430	ug/l	100
85) sec-Butylbenzene	11.93	105	690929	45.881	ug/l	100
86) p-Isopropyltoluene	12.05	119	653938	46.685	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	343702	47.738	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	348450	47.682	ug/l	100
89) n-Butylbenzene	12.37	91	546808	43.116	ug/l	100
90) Hexachloroethane	12.58	117	112014	46.716	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	329792	47.600	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61587	48.195	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223903	44.049	ug/l	100
94) Hexachlorobutadiene	13.77	225	83979	36.700	ug/l	100
95) Naphthalene	13.82	128	780542	47.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	215164	43.639	ug/l	100

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

