

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016269.D
 Acq On : 15 May 2020 10:34
 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
 5/18/2020 12:52:37 PM

Quant Time: May 16 07:02:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	257191	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	410609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	157931	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.46	113	125619	48.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.70	98	487057	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.12	95	189989	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	130409	47.904	ug/l	100
3) Chloromethane	1.31	50	143948	45.532	ug/l	99
4) Vinyl Chloride	1.39	62	151269	44.847	ug/l	100
5) Bromomethane	1.62	94	70584	41.508	ug/l	99
6) Chloroethane	1.70	64	92970	45.301	ug/l	100
7) Trichlorofluoromethane	1.91	101	204043	46.078	ug/l	99
8) Diethyl Ether	2.17	74	87678	46.992	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114975	45.003	ug/l	100
10) Methyl Iodide	2.49	142	136751	39.849	ug/l	99
11) Tert butyl alcohol	3.01	59	194455	227.215	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115185	43.084	ug/l	98
13) Acrolein	2.27	56	219797	410.419	ug/l	99
14) Allyl chloride	2.70	41	217811	44.433	ug/l	95
15) Acrylonitrile	3.11	53	429283	241.795	ug/l	99
16) Acetone	2.42	43	324197	214.689	ug/l	97
17) Carbon Disulfide	2.55	76	328688	40.901	ug/l	100
18) Methyl Acetate	2.75	43	188799	50.849	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	460736	49.991	ug/l	100
20) Methylene Chloride	2.83	84	140365	45.090	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	132073	44.330	ug/l	96
22) Diisopropyl ether	3.82	45	437741	47.334	ug/l	99
23) Vinyl Acetate	3.78	43	1940738	238.530	ug/l	99
24) 1,1-Dichloroethane	3.67	63	244654	47.292	ug/l	99
25) 2-Butanone	4.63	43	571920	235.035	ug/l	99
26) 2,2-Dichloropropane	4.54	77	218035	46.150	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	156610	48.083	ug/l	97
28) Bromochloromethane	4.98	49	109533	46.433	ug/l	96
29) Tetrahydrofuran	5.09	42	385044	238.811	ug/l	98
30) Chloroform	5.17	83	245943	47.748	ug/l	100
31) Cyclohexane	5.54	56	210345	44.739	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	219855	46.957	ug/l	99
36) 1,1-Dichloropropene	5.76	75	185003	45.772	ug/l	99
37) Ethyl Acetate	4.79	43	219022	46.753	ug/l	98
38) Carbon Tetrachloride	5.75	117	194041	47.232	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216345	44.447	ug/l	99
40) Benzene	6.11	78	563190	47.622	ug/l	100
41) Methacrylonitrile	5.00	41	119753	47.334	ug/l	98
42) 1,2-Dichloroethane	6.16	62	198528	46.600	ug/l	99
43) Isopropyl Acetate	6.41	43	357185	47.787	ug/l	98
44) Trichloroethene	7.18	130	187997	44.746	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149098	49.825	ug/l	99
46) Dibromomethane	7.63	93	98889	48.628	ug/l	99
47) Bromodichloromethane	7.87	83	206464	49.850	ug/l	98
48) Methyl methacrylate	7.74	41	169332	47.810	ug/l	95
49) 1,4-Dioxane	7.71	88	78996	929.982	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1136985	248.578	ug/l	98
52) Toluene	8.76	92	365161	49.537	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	240385	48.679	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	254775	49.394	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	147227	50.764	ug/l	99
56) Ethyl methacrylate	9.16	69	246375	52.043	ug/l	94
57) 1,3-Dichloropropane	9.35	76	254417	50.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	658131	261.131	ug/l	100
59) 2-Hexanone	9.47	43	878073	244.450	ug/l	96
60) Dibromochloromethane	9.57	129	165676	51.868	ug/l	98
61) 1,2-Dibromoethane	9.65	107	157689	50.196	ug/l	100
64) Tetrachloroethene	9.32	164	219105	46.198	ug/l	97
65) Chlorobenzene	10.12	112	384947	47.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149211	49.904	ug/l	99
67) Ethyl Benzene	10.23	91	686182	47.541	ug/l	98
68) m/p-Xylenes	10.34	106	529029	97.828	ug/l	99
69) o-Xylene	10.68	106	257939	49.622	ug/l	97
70) Styrene	10.70	104	441054	50.014	ug/l	100
71) Bromoform	10.84	173	130462	53.556	ug/l #	99
73) Isopropylbenzene	11.00	105	682992	48.230	ug/l	99
74) N-amyl acetate	10.88	43	311856	47.213	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	161958	57.178	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223545m	50.598	ug/l	
77) Bromobenzene	11.24	156	170333	46.600	ug/l	98
78) n-propylbenzene	11.34	91	785406	47.675	ug/l	100
79) 2-Chlorotoluene	11.41	91	470850	48.420	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	580928	48.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90607	48.873	ug/l	96
82) 4-Chlorotoluene	11.49	91	549645	47.865	ug/l	100
83) tert-Butylbenzene	11.76	119	498405	48.370	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	590092	48.816	ug/l	99
85) sec-Butylbenzene	11.93	105	645149	46.372	ug/l	99
86) p-Isopropyltoluene	12.05	119	610242	47.243	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	308089	46.943	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	307013	46.089	ug/l	98
89) n-Butylbenzene	12.37	91	528211	44.762	ug/l	100
90) Hexachloroethane	12.58	117	104972	47.319	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	302043	47.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	55130	47.346	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	211389	45.181	ug/l	100
94) Hexachlorobutadiene	13.77	225	84294	41.926	ug/l	99
95) Naphthalene	13.82	128	737692	48.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	214358	46.879	ug/l	97

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

