

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031120\
 Data File : VX015185.D
 Acq On : 11 Mar 2020 08:53
 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
 3/12/2020 2:50:47 PM

Quant Time: Mar 12 06:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	520593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	202175	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.48	113	164972	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	629260	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	227475	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	147785	47.74	ug/l	98
3) Chloromethane	1.32	50	197101	44.95	ug/l	98
4) Vinyl Chloride	1.41	62	201047	45.22	ug/l	96
5) Bromomethane	1.64	94	113898	41.67	ug/l	99
6) Chloroethane	1.72	64	117514	44.06	ug/l	100
7) Trichlorofluoromethane	1.92	101	235110	44.44	ug/l	94
8) Diethyl Ether	2.18	74	105800	44.15	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153587	46.14	ug/l	99
10) Methyl Iodide	2.50	142	159732	42.48	ug/l	99
11) Tert butyl alcohol	3.03	59	152377	209.41	ug/l	98
12) 1,1-Dichloroethene	2.37	96	149628	43.56	ug/l	98
13) Acrolein	2.28	56	151083	220.94	ug/l	100
14) Allyl chloride	2.72	41	278287	46.46	ug/l	99
15) Acrylonitrile	3.13	53	409751	226.12	ug/l	99
16) Acetone	2.43	43	441105	259.71	ug/l	99
17) Carbon Disulfide	2.56	76	419486	43.97	ug/l	100
18) Methyl Acetate	2.76	43	184278	44.37	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	502500	46.81	ug/l	99
20) Methylene Chloride	2.85	84	177930	44.76	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	169227	46.14	ug/l	98
22) Diisopropyl ether	3.84	45	576883	48.34	ug/l	94
23) Vinyl Acetate	3.80	43	2383118	242.93	ug/l	100
24) 1,1-Dichloroethane	3.69	63	307879	46.48	ug/l	99
25) 2-Butanone	4.65	43	617583	248.37	ug/l	98
26) 2,2-Dichloropropane	4.58	77	247474	47.07	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	191241	46.47	ug/l	99
28) Bromochloromethane	5.00	49	153716	50.97	ug/l	95
29) Tetrahydrofuran	5.11	42	359359	224.20	ug/l	98
30) Chloroform	5.20	83	305571	47.33	ug/l	100
31) Cyclohexane	5.57	56	272051	46.05	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	258838	48.37	ug/l	98
36) 1,1-Dichloropropene	5.79	75	230899	47.98	ug/l	99
37) Ethyl Acetate	4.81	43	222057	49.74	ug/l	100
38) Carbon Tetrachloride	5.77	117	225762	49.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278569	49.57	ug/l	99
40) Benzene	6.13	78	689726	48.31	ug/l	98
41) Methacrylonitrile	5.03	41	126745	47.27	ug/l	98
42) 1,2-Dichloroethane	6.18	62	244975	49.96	ug/l	98
43) Isopropyl Acetate	6.43	43	373302	47.53	ug/l	100
44) Trichloroethene	7.20	130	190460	47.90	ug/l	96
45) 1,2-Dichloropropane	7.50	63	181986	49.24	ug/l	99
46) Dibromomethane	7.65	93	117014	48.59	ug/l	98
47) Bromodichloromethane	7.89	83	244582	51.36	ug/l	99
48) Methyl methacrylate	7.76	41	188531	47.17	ug/l	99
49) 1,4-Dioxane	7.73	88	77572	897.59	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1153434	248.40	ug/l	100
52) Toluene	8.78	92	441795	50.60	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	260695	51.43	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	289964	50.60	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	179239	49.88	ug/l	99
56) Ethyl methacrylate	9.17	69	261649	51.05	ug/l	99
57) 1,3-Dichloropropane	9.36	76	301709	49.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	755006	270.39	ug/l	100
59) 2-Hexanone	9.48	43	902837	262.33	ug/l	100
60) Dibromochloromethane	9.57	129	192283	50.94	ug/l	99
61) 1,2-Dibromoethane	9.67	107	183157	48.53	ug/l	100
64) Tetrachloroethene	9.33	164	200035	49.74	ug/l	98
65) Chlorobenzene	10.13	112	476786	48.83	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	177429	48.19	ug/l	99
67) Ethyl Benzene	10.25	91	846743	51.07	ug/l	98
68) m/p-Xylenes	10.35	106	655094	103.84	ug/l	99
69) o-Xylene	10.69	106	307656	50.94	ug/l	99
70) Styrene	10.71	104	539419	52.09	ug/l	99
71) Bromoform	10.85	173	142496	49.91	ug/l	98
73) Isopropylbenzene	11.01	105	833370	50.03	ug/l	99
74) N-amyl acetate	10.89	43	327299	46.63	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	253802	45.72	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	210072m	40.39	ug/l	
77) Bromobenzene	11.25	156	215436	46.41	ug/l	100
78) n-propylbenzene	11.35	91	985064	51.77	ug/l	99
79) 2-Chlorotoluene	11.42	91	561226	49.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	709914	51.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84806	46.28	ug/l	98
82) 4-Chlorotoluene	11.51	91	669114	49.84	ug/l	100
83) tert-Butylbenzene	11.76	119	652294	48.65	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	708180	50.84	ug/l	99
85) sec-Butylbenzene	11.94	105	818322	50.56	ug/l	99
86) p-Isopropyltoluene	12.06	119	768188	51.52	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394701	48.37	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	402026	47.72	ug/l	99
89) n-Butylbenzene	12.38	91	706849	53.30	ug/l	99
90) Hexachloroethane	12.59	117	136577	48.45	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	396465	48.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52183	46.95	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	286524	50.88	ug/l	99
94) Hexachlorobutadiene	13.77	225	138260	47.85	ug/l	98
95) Naphthalene	13.83	128	781833	45.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	285116	50.74	ug/l	99

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

