

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031120\
 Data File : VX015210.D
 Acq On : 11 Mar 2020 18:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:52 PM

Quant Time: Mar 12 07:13:34 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	330756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	507248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	200654	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.49	113	168193	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	8.71	98	644765	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	11.13	95	235068	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	135420	46.76	ug/l	98
3) Chloromethane	1.32	50	191288	46.62	ug/l	100
4) Vinyl Chloride	1.40	62	195586	47.01	ug/l	99
5) Bromomethane	1.63	94	109608	42.86	ug/l	99
6) Chloroethane	1.72	64	116430	46.66	ug/l	98
7) Trichlorofluoromethane	1.92	101	230604	46.59	ug/l	99
8) Diethyl Ether	2.18	74	104635	46.67	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140082	44.98	ug/l	97
10) Methyl Iodide	2.50	142	141222	40.14	ug/l	99
11) Tert butyl alcohol	3.03	59	159993	235.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144280	44.89	ug/l	97
13) Acrolein	2.28	56	133990	209.42	ug/l	99
14) Allyl chloride	2.72	41	255722	45.63	ug/l	95
15) Acrylonitrile	3.13	53	428585	252.78	ug/l	98
16) Acetone	2.43	43	337379	212.30	ug/l	97
17) Carbon Disulfide	2.56	76	364666	40.85	ug/l	100
18) Methyl Acetate	2.76	43	181493	46.71	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	476001	47.39	ug/l	100
20) Methylene Chloride	2.85	84	162771	43.77	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	155109	45.19	ug/l	99
22) Diisopropyl ether	3.84	45	612255	54.83	ug/l	99
23) Vinyl Acetate	3.80	43	2595805	282.81	ug/l	100
24) 1,1-Dichloroethane	3.69	63	325638	52.55	ug/l	99
25) 2-Butanone	4.65	43	635826	273.30	ug/l	99
26) 2,2-Dichloropropane	4.58	77	226690	46.08	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	199310	51.76	ug/l	99
28) Bromochloromethane	5.01	49	152310	53.97	ug/l	99
29) Tetrahydrofuran	5.11	42	411580	274.44	ug/l	99
30) Chloroform	5.20	83	316560	52.41	ug/l	97
31) Cyclohexane	5.58	56	277930	50.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	267429	53.41	ug/l	98
36) 1,1-Dichloropropene	5.79	75	231755	49.42	ug/l	99
37) Ethyl Acetate	4.82	43	252918	58.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	226835	51.25	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	272675	49.80	ug/l	95
40) Benzene	6.14	78	722361	51.92	ug/l	99
41) Methacrylonitrile	5.03	41	142405	54.50	ug/l	100
42) 1,2-Dichloroethane	6.18	62	253657	53.09	ug/l	99
43) Isopropyl Acetate	6.43	43	414799	54.21	ug/l	99
44) Trichloroethene	7.21	130	194870	50.29	ug/l	97
45) 1,2-Dichloropropane	7.51	63	191684	53.23	ug/l	98
46) Dibromomethane	7.65	93	122500	52.21	ug/l	100
47) Bromodichloromethane	7.89	83	250306	53.94	ug/l	99
48) Methyl methacrylate	7.76	41	209620	53.82	ug/l	99
49) 1,4-Dioxane	7.73	88	88147	1046.79	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1301363	287.63	ug/l	99
52) Toluene	8.78	92	453733	53.34	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	263825	53.42	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	301775	54.05	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	189243	54.05	ug/l	98
56) Ethyl methacrylate	9.17	69	287427	57.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	316723	53.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	760482	279.52	ug/l	100
59) 2-Hexanone	9.48	43	977937	291.62	ug/l	99
60) Dibromochloromethane	9.57	129	202352	55.02	ug/l	99
61) 1,2-Dibromoethane	9.67	107	194947	53.01	ug/l	100
64) Tetrachloroethene	9.33	164	196348	48.83	ug/l	99
65) Chlorobenzene	10.14	112	497092	50.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	185856	50.48	ug/l	99
67) Ethyl Benzene	10.25	91	867133	52.30	ug/l	99
68) m/p-Xylenes	10.35	106	667508	105.82	ug/l	99
69) o-Xylene	10.70	106	319474	52.90	ug/l	100
70) Styrene	10.71	104	565202	54.58	ug/l	99
71) Bromoform	10.85	173	151679	53.13	ug/l #	97
73) Isopropylbenzene	11.01	105	851529	50.60	ug/l	100
74) N-amyl acetate	10.89	43	378714	53.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	280868	50.08	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	229999m	43.77	ug/l	
77) Bromobenzene	11.25	156	226360	48.26	ug/l	100
78) n-propylbenzene	11.35	91	983624	51.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	579174	50.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	730020	52.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	89922	48.56	ug/l	99
82) 4-Chlorotoluene	11.51	91	681381	50.23	ug/l	100
83) tert-Butylbenzene	11.76	119	696793	51.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	716463	50.91	ug/l	100
85) sec-Butylbenzene	11.94	105	839906	51.36	ug/l	100
86) p-Isopropyltoluene	12.06	119	770773	51.16	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	406407	49.29	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	410966	48.28	ug/l	99
89) n-Butylbenzene	12.39	91	693695	51.77	ug/l	99
90) Hexachloroethane	12.59	117	140810	49.44	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	408266	49.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	57812	51.48	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	285599	50.19	ug/l	100
94) Hexachlorobutadiene	13.78	225	135741	46.49	ug/l	98
95) Naphthalene	13.83	128	838600	48.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	287846	50.70	ug/l	99

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

