

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015156.D
 Acq On : 10 Mar 2020 09:11
 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
 3/11/2020 3:21:26 PM

Quant Time: Mar 11 07:36:16 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	346623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	198953	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.48	113	164665	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	629587	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	226593	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	149167	49.145	ug/l	99
3) Chloromethane	1.32	50	213849	49.738	ug/l	100
4) Vinyl Chloride	1.41	62	216383	49.632	ug/l	98
5) Bromomethane	1.64	94	129467	48.303	ug/l	99
6) Chloroethane	1.72	64	133536	51.060	ug/l	97
7) Trichlorofluoromethane	1.92	101	256910	49.524	ug/l	99
8) Diethyl Ether	2.18	74	113425	48.273	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	166988	51.164	ug/l	99
10) Methyl Iodide	2.50	142	162294	44.013	ug/l	98
11) Tert butyl alcohol	3.04	59	162991	228.448	ug/l	99
12) 1,1-Dichloroethene	2.37	96	160079	47.524	ug/l	99
13) Acrolein	2.28	56	157516	234.925	ug/l	99
14) Allyl chloride	2.72	41	292408	49.786	ug/l	99
15) Acrylonitrile	3.13	53	437519	246.236	ug/l	100
16) Acetone	2.44	43	468052	281.048	ug/l	96
17) Carbon Disulfide	2.56	76	438625	46.890	ug/l	99
18) Methyl Acetate	2.76	43	190279	46.727	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	537373	51.052	ug/l	100
20) Methylene Chloride	2.85	84	186211	47.778	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	179650	49.949	ug/l	98
22) Diisopropyl ether	3.84	45	609223	52.064	ug/l	92
23) Vinyl Acetate	3.80	43	2532125	263.247	ug/l	99
24) 1,1-Dichloroethane	3.69	63	324712	49.998	ug/l	100
25) 2-Butanone	4.65	43	642523	263.533	ug/l	100
26) 2,2-Dichloropropane	4.57	77	266520	51.695	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	205302	50.880	ug/l	99
28) Bromochloromethane	5.00	49	150800	50.992	ug/l	99
29) Tetrahydrofuran	5.11	42	380204	241.916	ug/l	98
30) Chloroform	5.20	83	322076	50.882	ug/l	100
31) Cyclohexane	5.57	56	291354	50.296	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	273048	52.037	ug/l	98
36) 1,1-Dichloropropene	5.79	75	246141	51.686	ug/l	99
37) Ethyl Acetate	4.81	43	239359	54.184	ug/l	100
38) Carbon Tetrachloride	5.77	117	239497	53.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	303615	54.599	ug/l	99
40) Benzene	6.13	78	732369	51.834	ug/l	100
41) Methacrylonitrile	5.02	41	132364	49.884	ug/l	98
42) 1,2-Dichloroethane	6.18	62	256328	52.828	ug/l	98
43) Isopropyl Acetate	6.43	43	399154	51.363	ug/l	99
44) Trichloroethene	7.20	130	202369	51.430	ug/l	95
45) 1,2-Dichloropropane	7.50	63	192886	52.742	ug/l	99
46) Dibromomethane	7.65	93	123283	51.735	ug/l	99
47) Bromodichloromethane	7.89	83	255072	54.129	ug/l	99
48) Methyl methacrylate	7.76	41	202365	51.163	ug/l	99
49) 1,4-Dioxane	7.73	88	84739	990.891	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1221608	265.866	ug/l	100
52) Toluene	8.78	92	464464	53.764	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	276772	55.181	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	310394	54.740	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	186405	52.423	ug/l	99
56) Ethyl methacrylate	9.17	69	282467	55.693	ug/l	98
57) 1,3-Dichloropropane	9.36	76	316184	52.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	761856	275.733	ug/l	100
59) 2-Hexanone	9.48	43	947943	278.347	ug/l	99
60) Dibromochloromethane	9.57	129	199943	53.529	ug/l	100
61) 1,2-Dibromoethane	9.67	107	193052	51.690	ug/l	100
64) Tetrachloroethene	9.33	164	208254	52.233	ug/l	99
65) Chlorobenzene	10.13	112	497461	51.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	186558	51.104	ug/l	99
67) Ethyl Benzene	10.25	91	892854	54.311	ug/l	99
68) m/p-Xylenes	10.35	106	683908	109.342	ug/l	99
69) o-Xylene	10.69	106	324085	54.118	ug/l	99
70) Styrene	10.71	104	571778	55.686	ug/l	99
71) Bromoform	10.85	173	148740	52.542	ug/l	100
73) Isopropylbenzene	11.01	105	874983	53.517	ug/l	100
74) N-amyl acetate	10.89	43	347127	50.379	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	268299	49.240	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	224453m	43.965	ug/l	
77) Bromobenzene	11.25	156	228521	50.153	ug/l	100
78) n-propylbenzene	11.35	91	1017999	54.500	ug/l	99
79) 2-Chlorotoluene	11.42	91	598283	53.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	747482	54.920	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	89985	50.023	ug/l	98
82) 4-Chlorotoluene	11.51	91	700601	53.161	ug/l	100
83) tert-Butylbenzene	11.76	119	706606	53.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	745888	54.551	ug/l	99
85) sec-Butylbenzene	11.94	105	880442	55.420	ug/l	100
86) p-Isopropyltoluene	12.06	119	816049	55.753	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	412249	51.467	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	414058	50.069	ug/l	99
89) n-Butylbenzene	12.39	91	738718	56.746	ug/l	100
90) Hexachloroethane	12.59	117	144501	52.220	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	407354	51.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	54346	49.809	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	296636	53.662	ug/l	98
94) Hexachlorobutadiene	13.78	225	146424	51.619	ug/l	97
95) Naphthalene	13.83	128	836411	49.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	298573	54.135	ug/l	99

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

