

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015965.D
 Acq On : 28 Apr 2020 16:31
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:59:56 PM

Quant Time: Apr 28 17:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	396193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	196123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	337172	105.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.86%	
35) Dibromofluoromethane	5.47	113	261890	105.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.94%	
50) Toluene-d8	8.70	98	973369	105.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.68%	
62) 4-Bromofluorobenzene	11.12	95	388033	107.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	245263	112.059	ug/l	98
3) Chloromethane	1.31	50	281249	106.029	ug/l	98
4) Vinyl Chloride	1.39	62	325209	107.956	ug/l	99
5) Bromomethane	1.62	94	193923	95.890	ug/l	99
6) Chloroethane	1.70	64	209214	104.409	ug/l	99
7) Trichlorofluoromethane	1.91	101	492814	108.234	ug/l	100
8) Diethyl Ether	2.17	74	199467	104.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	240889	106.136	ug/l	99
10) Methyl Iodide	2.49	142	363750	114.889	ug/l	100
11) Tert butyl alcohol	3.03	59	425851	548.588	ug/l	99
12) 1,1-Dichloroethene	2.35	96	248412	106.152	ug/l	97
13) Acrolein	2.27	56	103140	528.697	ug/l	98
14) Allyl chloride	2.70	41	461261	109.311	ug/l	100
15) Acrylonitrile	3.12	53	842349	547.269	ug/l	99
16) Acetone	2.42	43	733175	536.148	ug/l	98
17) Carbon Disulfide	2.54	76	725891	96.845	ug/l	99
18) Methyl Acetate	2.75	43	418882	107.944	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	929356	109.802	ug/l	100
20) Methylene Chloride	2.83	84	280964	103.789	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	277767	105.321	ug/l	98
22) Diisopropyl ether	3.82	45	915536	110.359	ug/l	98
23) Vinyl Acetate	3.79	43	4065403	564.129	ug/l	100
24) 1,1-Dichloroethane	3.67	63	504838	109.240	ug/l	99
25) 2-Butanone	4.64	43	1220912	550.956	ug/l	98
26) 2,2-Dichloropropane	4.55	77	457997	108.389	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	318239	106.333	ug/l	98
28) Bromochloromethane	4.98	49	232595	104.007	ug/l	99
29) Tetrahydrofuran	5.09	42	794493	547.073	ug/l	100
30) Chloroform	5.18	83	520902	108.396	ug/l	98
31) Cyclohexane	5.55	56	447257	108.710	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	483161	109.199	ug/l	100
36) 1,1-Dichloropropene	5.77	75	390221	103.411	ug/l	99
37) Ethyl Acetate	4.80	43	469839	108.584	ug/l	99
38) Carbon Tetrachloride	5.76	117	431619	108.292	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	463563	106.204	ug/l	99
40) Benzene	6.12	78	1139098	105.797	ug/l	100
41) Methacrylonitrile	5.01	41	255849	110.465	ug/l	98
42) 1,2-Dichloroethane	6.17	62	437555	104.884	ug/l	100
43) Isopropyl Acetate	6.42	43	778179	108.605	ug/l	100
44) Trichloroethene	7.19	130	385534	99.343	ug/l	100
45) 1,2-Dichloropropane	7.49	63	295398	106.159	ug/l	100
46) Dibromomethane	7.64	93	211829	107.134	ug/l	99
47) Bromodichloromethane	7.88	83	434126	110.489	ug/l	98
48) Methyl methacrylate	7.75	41	368799	111.480	ug/l	99
49) 1,4-Dioxane	7.72	88	167383	2150.751	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2429607	559.021	ug/l	100
52) Toluene	8.77	92	736675	107.789	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	507579	108.873	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	515683	107.547	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	297395	108.886	ug/l	99
56) Ethyl methacrylate	9.16	69	506159	113.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	508737	108.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1275240	555.666	ug/l	100
59) 2-Hexanone	9.48	43	1896351	558.313	ug/l	99
60) Dibromochloromethane	9.57	129	348754	114.085	ug/l	98
61) 1,2-Dibromoethane	9.66	107	327559	110.598	ug/l	99
64) Tetrachloroethene	9.32	164	459725	104.642	ug/l	97
65) Chlorobenzene	10.12	112	805432	106.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	312145	109.493	ug/l	98
67) Ethyl Benzene	10.24	91	1436329	106.928	ug/l	99
68) m/p-Xylenes	10.34	106	1097292	215.279	ug/l	99
69) o-Xylene	10.68	106	533704	110.285	ug/l	99
70) Styrene	10.70	104	937843	112.944	ug/l	100
71) Bromoform	10.84	173	272202	117.862	ug/l #	98
73) Isopropylbenzene	11.01	105	1433138	107.417	ug/l	99
74) N-amyl acetate	10.88	43	704963	109.557	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	332960	128.744	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	434230m	84.543	ug/l	
77) Bromobenzene	11.24	156	372276	108.400	ug/l	100
78) n-propylbenzene	11.35	91	1658626	108.068	ug/l	100
79) 2-Chlorotoluene	11.41	91	974954	106.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1240943	110.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	195311	112.154	ug/l	97
82) 4-Chlorotoluene	11.49	91	1185970	108.436	ug/l	100
83) tert-Butylbenzene	11.76	119	1074698	110.902	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1255137	110.965	ug/l	99
85) sec-Butylbenzene	11.93	105	1446260	110.774	ug/l	99
86) p-Isopropyltoluene	12.05	119	1339462	109.530	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	658766	105.188	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	664433	104.975	ug/l	98
89) n-Butylbenzene	12.37	91	1226873	111.031	ug/l	100
90) Hexachloroethane	12.58	117	251021	116.173	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	635733	106.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	119035	108.067	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	472111	105.032	ug/l	99
94) Hexachlorobutadiene	13.77	225	210762	104.946	ug/l	97
95) Naphthalene	13.82	128	1551651	109.449	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	457703	105.750	ug/l	99

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

