

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021220\
 Data File : VX014916.D
 Acq On : 12 Feb 2020 11:04
 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
 2/13/2020 11:15:49 AM

Quant Time: Feb 13 03:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	462617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	668800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	260678	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.48	113	214548	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	825578	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	300626	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	228650	52.191	ug/l	100
3) Chloromethane	1.32	50	242174	48.757	ug/l	98
4) Vinyl Chloride	1.40	62	258911	48.388	ug/l	98
5) Bromomethane	1.63	94	165554	47.800	ug/l	100
6) Chloroethane	1.72	64	159595	46.615	ug/l	99
7) Trichlorofluoromethane	1.92	101	365869	48.940	ug/l	99
8) Diethyl Ether	2.18	74	145058	46.792	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212460	48.960	ug/l	98
10) Methyl Iodide	2.50	142	245118	50.610	ug/l	99
11) Tert butyl alcohol	3.02	59	213618	231.730	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205579	48.482	ug/l	99
13) Acrolein	2.28	56	171586	244.219	ug/l	98
14) Allyl chloride	2.72	41	350876	46.672	ug/l	99
15) Acrylonitrile	3.12	53	548116	234.545	ug/l	99
16) Acetone	2.43	43	765404	273.960	ug/l	99
17) Carbon Disulfide	2.56	76	559157	47.196	ug/l	99
18) Methyl Acetate	2.76	43	246430	46.865	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	672434	48.726	ug/l	99
20) Methylene Chloride	2.84	84	230360	45.866	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	219195	46.848	ug/l	97
22) Diisopropyl ether	3.84	45	712644	49.631	ug/l	96
23) Vinyl Acetate	3.80	43	3023095	255.402	ug/l	100
24) 1,1-Dichloroethane	3.69	63	392211	48.399	ug/l	99
25) 2-Butanone	4.65	43	914850	257.382	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336020	48.114	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252650	48.306	ug/l	99
28) Bromochloromethane	5.00	49	165062	52.549	ug/l	100
29) Tetrahydrofuran	5.11	42	484465	239.765	ug/l	100
30) Chloroform	5.20	83	394155	49.023	ug/l	99
31) Cyclohexane	5.57	56	361207	48.938	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345139	49.073	ug/l	100
36) 1,1-Dichloropropene	5.79	75	301078	50.325	ug/l	99
37) Ethyl Acetate	4.81	43	303091	48.574	ug/l	99
38) Carbon Tetrachloride	5.77	117	298284	51.161	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	380295	50.827	ug/l	99
40) Benzene	6.13	78	887926	49.674	ug/l	99
41) Methacrylonitrile	5.02	41	171275	50.952	ug/l	100
42) 1,2-Dichloroethane	6.18	62	317830	49.196	ug/l	100
43) Isopropyl Acetate	6.43	43	507166	49.272	ug/l	100
44) Trichloroethene	7.20	130	256309	49.394	ug/l	98
45) 1,2-Dichloropropane	7.50	63	227091	49.815	ug/l	99
46) Dibromomethane	7.65	93	152547	48.954	ug/l	98
47) Bromodichloromethane	7.89	83	310912	50.321	ug/l	97
48) Methyl methacrylate	7.76	41	251914	49.730	ug/l	99
49) 1,4-Dioxane	7.73	88	95876	1012.285	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1544171	248.445	ug/l	100
52) Toluene	8.78	92	570577	50.257	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	343434	50.719	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379507	50.734	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	229065	49.870	ug/l	98
56) Ethyl methacrylate	9.17	69	354685	51.373	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379266	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	921192	255.128	ug/l	100
59) 2-Hexanone	9.48	43	1304504	267.024	ug/l	99
60) Dibromochloromethane	9.57	129	253047	51.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	241484	48.725	ug/l	100
64) Tetrachloroethene	9.33	164	267331	46.018	ug/l	98
65) Chlorobenzene	10.13	112	625125	49.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233192	50.968	ug/l	99
67) Ethyl Benzene	10.25	91	1093203	51.006	ug/l	99
68) m/p-Xylenes	10.36	106	843908	102.210	ug/l	99
69) o-Xylene	10.69	106	405554	51.098	ug/l	99
70) Styrene	10.70	104	705716	52.559	ug/l	100
71) Bromoform	10.85	173	198992	52.107	ug/l	98
73) Isopropylbenzene	11.01	105	1095133	52.532	ug/l	100
74) N-amyl acetate	10.89	43	456906	52.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	335069	49.169	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288596m	48.008	ug/l	
77) Bromobenzene	11.25	156	285423	49.053	ug/l	99
78) n-propylbenzene	11.35	91	1257837	52.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	720582	50.834	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918740	52.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116595	49.647	ug/l	99
82) 4-Chlorotoluene	11.51	91	844246	50.293	ug/l	100
83) tert-Butylbenzene	11.76	119	875445	53.073	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	921719	52.507	ug/l	100
85) sec-Butylbenzene	11.94	105	1073410	52.383	ug/l	100
86) p-Isopropyltoluene	12.06	119	1002106	52.260	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	519267	49.745	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	519774	48.761	ug/l	99
89) n-Butylbenzene	12.38	91	891328	51.901	ug/l	99
90) Hexachloroethane	12.59	117	175934	52.538	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	511175	49.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72895	45.595	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372209	49.261	ug/l	100
94) Hexachlorobutadiene	13.78	225	184941	50.605	ug/l	97
95) Naphthalene	13.83	128	1056426	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376416	51.564	ug/l	99

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

