

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014548.D
 Acq On : 10 Jan 2020 19:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:50 AM

Quant Time: Jan 11 00:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	684043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261390	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	5.49	113	217345	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	849122	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.13	95	304480	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	289353	52.776	ug/l	99
3) Chloromethane	1.32	50	294907	52.403	ug/l	98
4) Vinyl Chloride	1.40	62	347578	55.427	ug/l	98
5) Bromomethane	1.63	94	200154	48.151	ug/l	97
6) Chloroethane	1.72	64	189795	55.688	ug/l	99
7) Trichlorofluoromethane	1.92	101	374302	52.618	ug/l	98
8) Diethyl Ether	2.18	74	166073	51.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218428	50.471	ug/l	99
10) Methyl Iodide	2.50	142	307292	59.298	ug/l	99
11) Tert butyl alcohol	3.03	59	263628	256.182	ug/l	97
12) 1,1-Dichloroethene	2.37	96	221680	50.840	ug/l	99
13) Acrolein	2.28	56	212195	257.261	ug/l	98
14) Allyl chloride	2.72	41	395111	51.612	ug/l	100
15) Acrylonitrile	3.13	53	678358	273.126	ug/l	100
16) Acetone	2.43	43	623812	252.478	ug/l	98
17) Carbon Disulfide	2.56	76	589118	48.421	ug/l	99
18) Methyl Acetate	2.76	43	424380	59.910	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	758103	54.160	ug/l	99
20) Methylene Chloride	2.85	84	254693	51.369	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	236928	49.772	ug/l	97
22) Diisopropyl ether	3.84	45	811527	54.854	ug/l	96
23) Vinyl Acetate	3.80	43	2357380	205.813	ug/l	99
24) 1,1-Dichloroethane	3.69	63	438626	54.501	ug/l	99
25) 2-Butanone	4.65	43	953573	259.019	ug/l	99
26) 2,2-Dichloropropane	4.57	77	318686	46.745	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	276820	52.019	ug/l	99
28) Bromochloromethane	5.01	49	174828	51.553	ug/l	95
29) Tetrahydrofuran	5.11	42	608705	279.654	ug/l	99
30) Chloroform	5.20	83	427866	54.406	ug/l	98
31) Cyclohexane	5.57	56	409648	54.380	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	360939	53.618	ug/l	99
36) 1,1-Dichloropropene	5.79	75	323175	50.239	ug/l	99
37) Ethyl Acetate	4.82	43	366271	52.419	ug/l	99
38) Carbon Tetrachloride	5.78	117	305606	51.626	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405865	50.220	ug/l	96
40) Benzene	6.14	78	1005157	52.647	ug/l	99
41) Methacrylonitrile	5.03	41	203441	54.598	ug/l	99
42) 1,2-Dichloroethane	6.19	62	343434	51.447	ug/l	99
43) Isopropyl Acetate	6.43	43	608144	53.877	ug/l	100
44) Trichloroethene	7.21	130	291468	53.122	ug/l	99
45) 1,2-Dichloropropane	7.51	63	257999	53.003	ug/l	99
46) Dibromomethane	7.65	93	168699	49.655	ug/l	99
47) Bromodichloromethane	7.89	83	330609	53.480	ug/l	98
48) Methyl methacrylate	7.76	41	296562	54.856	ug/l	100
49) 1,4-Dioxane	7.73	88	107356	937.192	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1885114	274.066	ug/l	99
52) Toluene	8.78	92	631574	51.676	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	365897	50.839	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	411830	52.971	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	256334	52.217	ug/l	98
56) Ethyl methacrylate	9.17	69	409728	54.479	ug/l	99
57) 1,3-Dichloropropane	9.37	76	432077	52.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	694768	271.514	ug/l	99
59) 2-Hexanone	9.48	43	1418575	260.651	ug/l	100
60) Dibromochloromethane	9.58	129	269334	54.585	ug/l	99
61) 1,2-Dibromoethane	9.67	107	266472	51.244	ug/l	100
64) Tetrachloroethene	9.33	164	395475	63.413	ug/l	97
65) Chlorobenzene	10.14	112	677724	50.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	248709	51.607	ug/l	99
67) Ethyl Benzene	10.25	91	1197297	52.017	ug/l	98
68) m/p-Xylenes	10.36	106	916944	103.260	ug/l	99
69) o-Xylene	10.70	106	443951	52.399	ug/l	100
70) Styrene	10.71	104	765508	52.355	ug/l	99
71) Bromoform	10.85	173	203610	51.638	ug/l #	100
73) Isopropylbenzene	11.01	105	1170574	53.007	ug/l	100
74) N-amyl acetate	10.89	43	532823	54.688	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	355518	50.200	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	316440m	48.633	ug/l	
77) Bromobenzene	11.25	156	305346	49.859	ug/l	99
78) n-propylbenzene	11.35	91	1332923	52.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	783139	51.956	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	978157	53.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126957	51.585	ug/l	98
82) 4-Chlorotoluene	11.51	91	893277	50.487	ug/l	99
83) tert-Butylbenzene	11.76	119	831011	47.970	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	980270	52.912	ug/l	99
85) sec-Butylbenzene	11.94	105	1126637	52.315	ug/l	100
86) p-Isopropyltoluene	12.06	119	1035061	51.794	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	542500	49.359	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	533572	51.694	ug/l	99
89) n-Butylbenzene	12.39	91	902436	49.389	ug/l	99
90) Hexachloroethane	12.59	117	182445	51.974	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	549083	50.991	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82175	51.584	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	364259	48.194	ug/l	100
94) Hexachlorobutadiene	13.78	225	172323	48.685	ug/l	98
95) Naphthalene	13.83	128	1126376	48.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	365418	49.263	ug/l	99

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

