

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018652.D
 Acq On : 03 Oct 2020 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Oct 05 04:50:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326424	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95165	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.42%
7) Chloroethane-d5	1.58	69	76236	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.12	63	199722	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.40%
21) 2-Butanone-d5	3.90	46	117608	82.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.36%
24) Chloroform-d	4.37	84	190935	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.05	65	123871	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.07	84	362898	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.09	67	112382	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.56%
41) Toluene-d8	7.33	98	343601	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.64	79	59037	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.90%
47) 2-Hexanone-d5	8.11	63	81077	91.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	145127	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	148590	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91826	41.372	ug/L 99
3) Chloromethane	1.25	50	95426	40.181	ug/L 99
5) Vinyl chloride	1.32	62	109071	43.682	ug/L 100
6) Bromomethane	1.53	94	75046	44.160	ug/L 97
8) Chloroethane	1.59	64	68802	44.715	ug/L 97
9) Trichlorofluoromethane	1.76	101	187487	49.404	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103616	48.783	ug/L 99
12) 1,1-Dichloroethene	2.13	96	97383	47.791	ug/L 94
13) Acetone	2.19	43	115755	93.825	ug/L 97
14) Carbon disulfide	2.31	76	294509	44.616	ug/L 99
15) Methyl Acetate	2.44	43	104903	44.136	ug/L 100
16) Methylene chloride	2.52	84	106968	43.737	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	97187	41.681	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	295218	41.556	ug/L 99
19) 1,1-Dichloroethane	3.21	63	174471	42.736	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	105689	42.651	ug/L 100
22) 2-Butanone	3.99	43	140626	90.231	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60462	44.371	ug/L	97
25) Chloroform	4.40	83	195988	45.464	ug/L	100
27) 1,2-Dichloroethane	5.15	62	156312	46.521	ug/L	99
29) Cyclohexane	4.70	56	148453	42.800	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	178241	47.210	ug/L	99
31) Carbon tetrachloride	4.85	117	161713	47.725	ug/L	99
33) Benzene	5.12	78	413389	46.269	ug/L	100
34) Trichloroethene	5.94	95	122147	47.091	ug/L	99
35) Methylcyclohexane	6.15	83	148467	42.430	ug/L	99
37) 1,2-Dichloropropane	6.20	63	106709	46.552	ug/L	99
38) Bromodichloromethane	6.53	83	147311	47.986	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	169254	47.061	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	271380	91.749	ug/L	100
42) Toluene	7.41	91	454403	47.014	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	170597	48.288	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	109107	48.082	ug/L	97
46) Tetrachloroethene	8.00	164	99313	47.194	ug/L	100
48) 2-Hexanone	8.16	43	230121	99.713	ug/L	99
49) Dibromochloromethane	8.27	129	124501	47.969	ug/L	100
50) 1,2-Dibromoethane	8.37	107	113080	46.869	ug/L	99
51) Chlorobenzene	8.90	112	292358	44.712	ug/L	99
52) Ethylbenzene	9.03	91	485544	44.983	ug/L	99
53) m,p-Xylene	9.16	106	186225	44.643	ug/L	98
54) o-xylene	9.56	106	179325	45.406	ug/L	98
55) Styrene	9.58	104	322964	46.965	ug/L	97
56) Isopropylbenzene	9.95	105	472874	44.645	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	147804	46.210	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	133384	47.838	ug/L	99
61) Bromoform	9.75	173	88955	43.924	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	253136	44.364	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	263798	44.897	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	251938	44.632	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31309	40.630	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	156595	39.620	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	146318	39.783	ug/L	99
69) Naphthalene	13.52	128	450495	42.789	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	152619	41.336	ug/L	99

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

