

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018847.D
 Acq On : 10 Oct 2020 21:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Oct 12 04:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322343	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125874	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.96%
7) Chloroethane-d5	1.58	69	103135	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.13	63	253738	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
21) 2-Butanone-d5	3.91	46	162724	90.48	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.38	84	224590	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
26) 1,2-Dichloroethane-d4	5.06	65	157896	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.07	84	449550	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.09	67	137246	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.18%
41) Toluene-d8	7.34	98	407269	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.64	79	70603	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.11	63	105548	91.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177422	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	160187	41.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.14%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	145936	70.137	ug/L 99
3) Chloromethane	1.25	50	163087	59.743	ug/L 98
5) Vinyl chloride	1.32	62	160019	56.223	ug/L 99
6) Bromomethane	1.53	94	90028	53.675	ug/L 99
8) Chloroethane	1.60	64	97806	52.487	ug/L 99
9) Trichlorofluoromethane	1.77	101	217970	52.382	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	114803	49.549	ug/L 100
12) 1,1-Dichloroethene	2.13	96	114872	51.491	ug/L 98
13) Acetone	2.19	43	128055	85.433	ug/L 99
14) Carbon disulfide	2.31	76	369967	56.023	ug/L 100
15) Methyl Acetate	2.45	43	142972	48.827	ug/L 99
16) Methylene chloride	2.52	84	134463	48.961	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	126096	53.547	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	398787	50.503	ug/L 99
19) 1,1-Dichloroethane	3.21	63	244852	52.981	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	121039	48.635	ug/L 98
22) 2-Butanone	3.99	43	168036	95.676	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	62552	48.480	ug/L	97
25) Chloroform	4.40	83	226164	47.683	ug/L	99
27) 1,2-Dichloroethane	5.15	62	186060	48.217	ug/L	99
29) Cyclohexane	4.70	56	206721	54.284	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	206523	49.277	ug/L	99
31) Carbon tetrachloride	4.86	117	180016	50.962	ug/L	99
33) Benzene	5.13	78	496920	49.810	ug/L	100
34) Trichloroethene	5.94	95	132322	46.085	ug/L	99
35) Methylcyclohexane	6.15	83	172611	49.131	ug/L	99
37) 1,2-Dichloropropane	6.20	63	127222	46.425	ug/L	99
38) Bromodichloromethane	6.53	83	173882	49.962	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	211225	54.561	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	364564	102.369	ug/L	100
42) Toluene	7.41	91	523843	51.121	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	202505	51.046	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	120535	48.973	ug/L	99
46) Tetrachloroethene	8.00	164	101557	48.262	ug/L	98
48) 2-Hexanone	8.16	43	266563	94.818	ug/L	99
49) Dibromochloromethane	8.27	129	128573	47.794	ug/L	99
50) 1,2-Dibromoethane	8.37	107	120936	48.042	ug/L	98
51) Chlorobenzene	8.90	112	324787	47.755	ug/L	97
52) Ethylbenzene	9.03	91	569383	48.931	ug/L	100
53) m,p-Xylene	9.16	106	209093	48.952	ug/L	99
54) o-xylene	9.56	106	202951	50.027	ug/L	100
55) Styrene	9.58	104	361132	50.294	ug/L	99
56) Isopropylbenzene	9.95	105	540114	48.117	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	172358	50.203	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	158817	48.705	ug/L	99
61) Bromoform	9.75	173	91087	47.146	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	273200	48.123	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	290249	49.149	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	265985	46.668	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37353	47.511	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	170110	46.261	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	160857	46.521	ug/L	99
69) Naphthalene	13.52	128	474243	48.678	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	161916	47.172	ug/L	99

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

