

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018063.D
 Acq On : 19 Aug 2020 15:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Aug 20 04:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 04:32:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295061	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80537	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.54%
7) Chloroethane-d5	1.58	69	70733	38.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.12	63	168154	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
21) 2-Butanone-d5	3.90	46	128456	87.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.12%
24) Chloroform-d	4.37	84	170203	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.06%
26) 1,2-Dichloroethane-d4	5.05	65	110134	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.76%
32) Benzene-d6	5.07	84	314525	38.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.92%
36) 1,2-Dichloropropane-d6	6.09	67	105901	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.26%
41) Toluene-d8	7.33	98	284370	39.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.34%#
43) trans-1,3-Dichloropropene-	7.64	79	51455	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
47) 2-Hexanone-d5	8.10	63	72763	85.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.92%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	147548	42.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	130929	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96868	42.524	ug/L 100
3) Chloromethane	1.25	50	107751	40.720	ug/L 99
5) Vinyl chloride	1.32	62	113852	43.425	ug/L 100
6) Bromomethane	1.53	94	65252	41.642	ug/L 99
8) Chloroethane	1.60	64	73141	43.708	ug/L 99
9) Trichlorofluoromethane	1.77	101	162990	43.521	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95878	45.850	ug/L 98
12) 1,1-Dichloroethene	2.13	96	87610	44.264	ug/L 93
13) Acetone	2.18	43	152757	100.301	ug/L 100
14) Carbon disulfide	2.31	76	236950	43.497	ug/L 100
15) Methyl Acetate	2.44	43	103284	42.023	ug/L 99
16) Methylene chloride	2.52	84	104132	41.297	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	90800	44.629	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	302965	45.026	ug/L 100
19) 1,1-Dichloroethane	3.21	63	182140	44.522	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	102338	45.773	ug/L 97
22) 2-Butanone	3.98	43	162332	95.012	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018063.D
 Acq On : 19 Aug 2020 15:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Aug 20 04:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 04:32:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52484	44.936	ug/L	98
25) Chloroform	4.40	83	186809	44.770	ug/L	99
27) 1,2-Dichloroethane	5.15	62	147527	44.419	ug/L	98
29) Cyclohexane	4.70	56	155610	44.018	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	158605	44.188	ug/L	99
31) Carbon tetrachloride	4.85	117	136229	45.591	ug/L	98
33) Benzene	5.12	78	397542	43.870	ug/L	100
34) Trichloroethene	5.93	95	105473	44.033	ug/L	98
35) Methylcyclohexane	6.15	83	159657	44.825	ug/L	99
37) 1,2-Dichloropropane	6.19	63	108111	43.747	ug/L	99
38) Bromodichloromethane	6.53	83	138039	44.969	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	160998	45.955	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	277516	85.902	ug/L	100
42) Toluene	7.41	91	421683	44.594	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	158065	47.552	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	100268	43.812	ug/L	99
46) Tetrachloroethene	7.99	164	82253	46.822	ug/L	99
48) 2-Hexanone	8.15	43	235195	90.282	ug/L	100
49) Dibromochloromethane	8.26	129	104761	46.897	ug/L	99
50) 1,2-Dibromoethane	8.37	107	103503	43.712	ug/L	98
51) Chlorobenzene	8.90	112	274913	45.204	ug/L	99
52) Ethylbenzene	9.03	91	467359	45.329	ug/L	100
53) m,p-Xylene	9.16	106	175422	46.260	ug/L	96
54) o-xylene	9.56	106	168989	45.094	ug/L	98
55) Styrene	9.58	104	304830	47.500	ug/L	99
56) Isopropylbenzene	9.95	105	457245	46.251	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	149194	41.863	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	128682	42.162	ug/L	100
61) Bromoform	9.75	173	71576	46.772	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	227949	44.322	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	234718	44.426	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	227662	43.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31691	40.633	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	179839	46.031	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	163705	47.659	ug/L	99
69) Naphthalene	13.52	128	424455	44.833	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	164010	46.952	ug/L	99

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

