

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017470.D
 Acq On : 13 Jul 2020 15:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Jul 14 05:17:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287110	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80125	53.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.22%
7) Chloroethane-d5	1.58	69	60927	58.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.06%
11) 1,1-Dichloroethene-d2	2.13	63	168779	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.74%
21) 2-Butanone-d5	3.91	46	104759	102.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.61%
24) Chloroform-d	4.38	84	174829	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.06	65	124993	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
32) Benzene-d6	5.07	84	305863	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
36) 1,2-Dichloropropane-d6	6.09	67	84437	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.34	98	297637	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%
43) trans-1,3-Dichloropropene-	7.64	79	52567	53.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.08%
47) 2-Hexanone-d5	8.11	63	75947	109.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116960	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	127225	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	134333	43.569	ug/L 100
3) Chloromethane	1.25	50	93651	43.144	ug/L 98
5) Vinyl chloride	1.32	62	96853	44.145	ug/L 99
6) Bromomethane	1.53	94	56934	51.124	ug/L 96
8) Chloroethane	1.60	64	53267	46.792	ug/L 97
9) Trichlorofluoromethane	1.77	101	179632	43.734	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89079	46.721	ug/L 98
12) 1,1-Dichloroethene	2.13	96	77149	44.737	ug/L 96
13) Acetone	2.19	43	88956	64.011	ug/L 100
14) Carbon disulfide	2.31	76	210443	40.095	ug/L 100
15) Methyl Acetate	2.45	43	81160	43.997	ug/L 98
16) Methylene chloride	2.52	84	88556	44.108	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	83306	44.423	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	300706	48.064	ug/L 100
19) 1,1-Dichloroethane	3.21	63	157334	45.627	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	94714	47.137	ug/L 96
22) 2-Butanone	4.00	43	111393	82.001	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017470.D
 Acq On : 13 Jul 2020 15:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Jul 14 05:17:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52955	47.365	ug/L	94
25) Chloroform	4.40	83	182326	47.107	ug/L	100
27) 1,2-Dichloroethane	5.15	62	156021	45.860	ug/L	100
29) Cyclohexane	4.70	56	129608	45.833	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	181957	48.795	ug/L	99
31) Carbon tetrachloride	4.86	117	168926	49.492	ug/L	97
33) Benzene	5.13	78	337328	47.059	ug/L	100
34) Trichloroethene	5.94	95	97676	45.897	ug/L	98
35) Methylcyclohexane	6.15	83	145371	46.647	ug/L	98
37) 1,2-Dichloropropane	6.20	63	82967	47.323	ug/L	100
38) Bromodichloromethane	6.53	83	138774	48.610	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	146153	48.917	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	234608	96.774	ug/L	98
42) Toluene	7.41	91	380916	47.543	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	153603	49.705	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	87498	45.997	ug/L	99
46) Tetrachloroethene	8.00	164	82735	46.299	ug/L	97
48) 2-Hexanone	8.16	43	182510	92.997	ug/L	98
49) Dibromochloromethane	8.27	129	113146	47.680	ug/L	100
50) 1,2-Dibromoethane	8.37	107	97377	47.826	ug/L	96
51) Chlorobenzene	8.90	112	254528	46.881	ug/L	99
52) Ethylbenzene	9.03	91	433442	47.297	ug/L	100
53) m,p-Xylene	9.16	106	163507	47.657	ug/L	97
54) o-xylene	9.57	106	162840	49.413	ug/L	99
55) Styrene	9.58	104	278564	48.663	ug/L	98
56) Isopropylbenzene	9.95	105	452773	49.385	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	129683	46.423	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	115979	47.738	ug/L	99
61) Bromoform	9.75	173	85835	47.508	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	219268	46.782	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	217541	45.731	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	219872	47.059	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35981	47.326	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	167717	47.503	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	154064	49.762	ug/L	98
69) Naphthalene	13.52	128	447496	51.757	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	156546	49.709	ug/L	99

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

