

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012161.D
 Acq On : 09 Aug 2019 19:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Aug 10 05:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:03:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	309553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57023	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.14%
7) Chloroethane-d5	1.57	69	35642	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	2.13	63	108936	50.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.20%
21) 2-Butanone-d5	3.92	46	59628	105.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	4.40	84	113180	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.08	65	65306	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.10	84	222238	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.12	67	60336	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.36	98	211775	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%
43) trans-1,3-Dichloropropene-	7.66	79	31265	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.13	63	48008	102.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82226	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	84102	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	130386	49.618	ug/L 99
3) Chloromethane	1.25	50	96393	51.980	ug/L 98
5) Vinyl chloride	1.32	62	89313	52.185	ug/L 97
6) Bromomethane	1.52	94	53736	53.524	ug/L 96
8) Chloroethane	1.59	64	44902	50.084	ug/L 98
9) Trichlorofluoromethane	1.77	101	147241	50.368	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70255	51.483	ug/L 99
12) 1,1-Dichloroethene	2.14	96	65303	51.997	ug/L 96
13) Acetone	2.18	43	70972	86.802	ug/L 97
14) Carbon disulfide	2.32	76	231977	51.207	ug/L 99
15) Methyl Acetate	2.45	43	88334	52.754	ug/L 98
16) Methylene chloride	2.53	84	99635	51.828	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	93196	50.864	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	304782	51.665	ug/L 100
19) 1,1-Dichloroethane	3.23	63	165066	51.365	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	105929	50.888	ug/L 95
22) 2-Butanone	4.01	43	124196	101.991	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012161.D
 Acq On : 09 Aug 2019 19:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Aug 10 05:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:03:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	58542	50.915	ug/L	97
25) Chloroform	4.42	83	183480	50.702	ug/L	100
27) 1,2-Dichloroethane	5.18	62	141140	49.616	ug/L	100
29) Cyclohexane	4.72	56	141796	52.400	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	171989	50.784	ug/L	99
31) Carbon tetrachloride	4.87	117	159434	50.484	ug/L	100
33) Benzene	5.14	78	380688	51.846	ug/L	100
34) Trichloroethene	5.96	95	101411	50.585	ug/L	99
35) Methylcyclohexane	6.18	83	156897	50.256	ug/L	99
37) 1,2-Dichloropropane	6.22	63	93608	52.983	ug/L	99
38) Bromodichloromethane	6.55	83	137491	50.223	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	151687	49.782	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	239831	105.666	ug/L	99
42) Toluene	7.43	91	417403	51.367	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	140824	51.179	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	98813	50.529	ug/L	96
46) Tetrachloroethene	8.02	164	96487	50.349	ug/L	99
48) 2-Hexanone	8.18	43	180222	105.067	ug/L	100
49) Dibromochloromethane	8.29	129	126241	51.001	ug/L	100
50) 1,2-Dibromoethane	8.40	107	109836	51.399	ug/L	99
51) Chlorobenzene	8.92	112	282570	50.882	ug/L	99
52) Ethylbenzene	9.05	91	467971	51.584	ug/L	100
53) m,p-Xylene	9.18	106	185271	51.828	ug/L	94
54) o-xylene	9.59	106	180875	51.043	ug/L	99
55) Styrene	9.60	104	305408	51.556	ug/L	100
56) Isopropylbenzene	9.97	105	483047	51.627	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	154862	51.692	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	120652	50.613	ug/L	98
61) Bromoform	9.77	173	100126	51.225	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	233695	50.563	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	229619	49.892	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	239175	51.229	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	36671	50.682	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	178798	49.130	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	150747	49.920	ug/L	98
69) Naphthalene	13.55	128	438340	51.994	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	162207	51.156	ug/L	97

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

