

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012184.D
 Acq On : 10 Aug 2019 05:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Aug 10 06:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	260828	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	127609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42837	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.28%
7) Chloroethane-d5	1.57	69	27902	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	91799	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.22%
21) 2-Butanone-d5	3.93	46	51112	107.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.73%
24) Chloroform-d	4.40	84	98039	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.08	65	59434	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.10	84	192419	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
36) 1,2-Dichloropropane-d6	6.12	67	49629	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.36	98	181400	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%
43) trans-1,3-Dichloropropene-	7.66	79	25948	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.13	63	39267	99.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	70361	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.67	152	75386	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	114841	51.867	ug/L 99
3) Chloromethane	1.25	50	72978	46.705	ug/L 100
5) Vinyl chloride	1.32	62	69666	48.310	ug/L 100
6) Bromomethane	1.52	94	33253	39.309	ug/L 96
8) Chloroethane	1.59	64	37068	49.069	ug/L 98
9) Trichlorofluoromethane	1.77	101	131637	53.442	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57591	50.087	ug/L 99
12) 1,1-Dichloroethene	2.14	96	55019	51.992	ug/L 91
13) Acetone	2.18	43	56057	81.368	ug/L 95
14) Carbon disulfide	2.32	76	195965	51.339	ug/L 99
15) Methyl Acetate	2.45	43	73283	51.941	ug/L 99
16) Methylene chloride	2.53	84	85429	52.740	ug/L 95
17) trans-1,2-Dichloroethene	2.79	96	80928	52.419	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	267911	53.898	ug/L 99
19) 1,1-Dichloroethane	3.23	63	139916	51.673	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	92131	52.527	ug/L 96
22) 2-Butanone	4.01	43	101154	98.587	ug/L 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012184.D
 Acq On : 10 Aug 2019 05:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Aug 10 06:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	52794	54.493	ug/L	95
25) Chloroform	4.42	83	161857	53.082	ug/L	99
27) 1,2-Dichloroethane	5.18	62	131472	54.852	ug/L	99
29) Cyclohexane	4.73	56	114529	50.235	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	156714	54.924	ug/L	100
31) Carbon tetrachloride	4.87	117	148443	55.791	ug/L	99
33) Benzene	5.14	78	328237	53.060	ug/L	100
34) Trichloroethene	5.96	95	88234	52.240	ug/L	95
35) Methylcyclohexane	6.18	83	131240	49.896	ug/L	99
37) 1,2-Dichloropropane	6.22	63	76657	51.500	ug/L	99
38) Bromodichloromethane	6.55	83	126132	54.687	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	126867	49.420	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	199921	104.548	ug/L	99
42) Toluene	7.43	91	368273	53.793	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	116554	50.277	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	88940	53.983	ug/L	98
46) Tetrachloroethene	8.02	164	85960	53.241	ug/L	98
48) 2-Hexanone	8.18	43	148247	102.583	ug/L	99
49) Dibromochloromethane	8.29	129	114051	54.690	ug/L	99
50) 1,2-Dibromoethane	8.40	107	95716	53.165	ug/L	99
51) Chlorobenzene	8.92	112	248437	53.098	ug/L	100
52) Ethylbenzene	9.05	91	409077	53.522	ug/L	98
53) m,p-Xylene	9.18	106	161050	53.474	ug/L	98
54) o-xylene	9.59	106	159085	53.286	ug/L	97
55) Styrene	9.60	104	270899	54.279	ug/L	99
56) Isopropylbenzene	9.97	105	420543	53.349	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	133757	52.993	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	107585	53.568	ug/L	99
61) Bromoform	9.77	173	90497	55.217	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	205016	52.902	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	204216	52.920	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	210230	53.703	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	32582	53.705	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	156689	51.349	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	129986	51.337	ug/L	98
69) Naphthalene	13.55	128	379849	53.735	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	141543	53.238	ug/L	100

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

