

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012514.D
 Acq On : 01 Sep 2019 17:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Sep 02 04:23:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 04:16:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318065	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	306720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94288	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.58	69	98309	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.94%
11) 1,1-Dichloroethene-d2	2.14	63	266309	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
21) 2-Butanone-d5	3.93	46	182413	103.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.05%
24) Chloroform-d	4.40	84	211128	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.08	65	138632	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
32) Benzene-d6	5.10	84	363312	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.12	67	132381	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.36	98	341381	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.66	79	58614	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.56%
47) 2-Hexanone-d5	8.13	63	110987	107.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	191054	51.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	141062	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	126673	47.952	ug/L 99
3) Chloromethane	1.25	50	163293	48.544	ug/L 99
5) Vinyl chloride	1.32	62	172638	48.955	ug/L 98
6) Bromomethane	1.53	94	114955	39.412	ug/L 99
8) Chloroethane	1.60	64	120629	46.384	ug/L 99
9) Trichlorofluoromethane	1.77	101	252306	48.102	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	143796	46.895	ug/L 98
12) 1,1-Dichloroethene	2.14	96	137395	46.967	ug/L 97
13) Acetone	2.19	43	151399	80.371	ug/L 97
14) Carbon disulfide	2.32	76	299672	47.425	ug/L 99
15) Methyl Acetate	2.46	43	143610	51.076	ug/L 96
16) Methylene chloride	2.54	84	126043	49.299	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	108801	47.809	ug/L 94
18) Methyl tert-butyl Ether	2.80	73	349974	50.237	ug/L 100
19) 1,1-Dichloroethane	3.23	63	228968	49.875	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	123081	49.109	ug/L 96
22) 2-Butanone	4.01	43	196695	93.536	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012514.D
 Acq On : 01 Sep 2019 17:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Sep 02 04:23:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 04:16:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	60620	48.666	ug/L	99
25) Chloroform	4.43	83	232870	49.369	ug/L	99
27) 1,2-Dichloroethane	5.18	62	197662	50.103	ug/L	100
29) Cyclohexane	4.73	56	199247	52.517	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	187418	50.905	ug/L	99
31) Carbon tetrachloride	4.88	117	160904	50.492	ug/L	98
33) Benzene	5.15	78	495741	51.524	ug/L	100
34) Trichloroethene	5.96	95	128815	49.580	ug/L	98
35) Methylcyclohexane	6.18	83	195653	51.581	ug/L	100
37) 1,2-Dichloropropane	6.22	63	130884	49.709	ug/L	99
38) Bromodichloromethane	6.56	83	174367	50.596	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	195735	52.930	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	401430	111.226	ug/L	97
42) Toluene	7.43	91	528670	52.593	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	173900	52.680	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	121069	50.606	ug/L	99
46) Tetrachloroethene	8.02	164	87105	49.201	ug/L	98
48) 2-Hexanone	8.18	43	304031	108.208	ug/L	98
49) Dibromochloromethane	8.29	129	126468	51.541	ug/L	100
50) 1,2-Dibromoethane	8.40	107	122111	51.007	ug/L	98
51) Chlorobenzene	8.92	112	321963	50.631	ug/L	99
52) Ethylbenzene	9.05	91	577671	52.812	ug/L	99
53) m,p-Xylene	9.18	106	210528	53.826	ug/L	100
54) o-xylene	9.59	106	204549	53.453	ug/L	100
55) Styrene	9.60	104	356369	54.405	ug/L	97
56) Isopropylbenzene	9.97	105	552860	54.172	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	188477	52.240	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	161050	51.378	ug/L	99
61) Bromoform	9.77	173	82188	48.238	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	236919	49.615	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	237937	47.818	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	239094	48.690	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	39241	45.303	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	158854	49.333	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	129897	51.435	ug/L	98
69) Naphthalene	13.55	128	392342	53.414	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	140457	53.379	ug/L	99

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

