

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012956.D
 Acq On : 24 Sep 2019 00:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02568

Quant Time: Sep 24 07:44:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	909374	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	905438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	476729	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	288630	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	1.57	69	249847	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	2.12	63	477823	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	3.92	46	260541	53.48	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
24) Chloroform-d	4.39	84	574945	23.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	5.07	65	339429	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.48%
29) Benzene-d6	5.09	84	1179107	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	6.11	67	376575	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	7.36	98	1090458	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	7.66	79	160444	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.64%
39) 2-Hexanone-d5	8.13	63	189605	59.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	367829	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	433436	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	233156	23.281	ug/L 98
3) Chloromethane	1.25	50	300339	22.964	ug/L 99
5) Vinyl chloride	1.32	62	288680	22.357	ug/L 99
6) Bromomethane	1.52	94	182454	22.636	ug/L 99
8) Chloroethane	1.59	64	188112	23.708	ug/L 99
9) Trichlorofluoromethane	1.76	101	371947	21.298	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	231745	20.762	ug/L 99
12) 1,1-Dichloroethene	2.13	96	225943	21.979	ug/L 95
13) Acetone	2.18	43	200597	38.739	ug/L 98
14) Carbon disulfide	2.31	76	712727	21.705	ug/L 100
15) Methyl Acetate	2.45	43	204811	25.502	ug/L 99
16) Methylene chloride	2.53	84	362786	26.690	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	812894	26.950	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	287823	23.654	ug/L 99
19) 1,1-Dichloroethane	3.22	63	536486	24.161	ug/L 99
21) 2-Butanone	4.00	43	272595	45.235	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	340327	25.556	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012956.D
 Acq On : 24 Sep 2019 00:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02568

Quant Time: Sep 24 07:44:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	163104	24.796	ug/L	98
25) Chloroform	4.42	83	555199	23.847	ug/L	100
27) 1,2-Dichloroethane	5.17	62	411648	25.016	ug/L	100
30) Cyclohexane	4.72	56	434534	22.370	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	408412	22.791	ug/L	98
32) Carbon tetrachloride	4.87	117	353652	21.765	ug/L	99
34) Benzene	5.14	78	1228667	24.378	ug/L	100
35) Trichloroethene	5.95	95	322506	22.970	ug/L	99
36) Methylcyclohexane	6.17	83	475589	22.066	ug/L	99
40) 1,2-Dichloropropane	6.22	63	330587	25.223	ug/L	100
41) Bromodichloromethane	6.55	83	414661	24.700	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	493627	25.632	ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	572541	53.169	ug/L	98
44) Toluene	7.43	91	1325204	24.930	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	413191	25.492	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	281530	25.301	ug/L	99
47) Tetrachloroethene	8.02	164	357089	31.293	ug/L	99
49) 2-Hexanone	8.18	43	418521	51.561	ug/L	98
50) Dibromochloromethane	8.29	129	319114	24.953	ug/L	97
51) 1,2-Dibromoethane	8.39	107	282154	25.876	ug/L	100
52) Chlorobenzene	8.92	112	890850	24.285	ug/L	99
53) Ethylbenzene	9.05	91	1447166	24.726	ug/L	99
54) m,p-Xylene	9.18	106	561328	25.228	ug/L	99
55) o-xylene	9.58	106	555086	26.183	ug/L	98
56) Styrene	9.60	104	982593	26.342	ug/L	100
57) Isopropylbenzene	9.97	105	1397632	25.085	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	352388	25.602	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	281050	24.740	ug/L	99
62) Bromoform	9.77	173	207283	25.623	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	725405	24.720	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	738270	23.971	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	697878	24.933	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	60570	24.408	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	552601	24.074	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	494177	24.620	ug/L	99
69) Naphthalene	13.55	128	1098535	27.210	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	466565	24.176	ug/L	100

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

