

Data File : VW011137.D
Acq On : 03 Jul 2019 12:05
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Quant Time: Jul 03 23:20:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 23:17:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349813	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156740	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137231	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
7) Chloroethane-d5	2.88	69	97113	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
10) 1,1-Dichloroethene-d2	4.02	63	287602	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.68%
20) 2-Butanone-d5	7.07	46	115273	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
24) Chloroform-d	7.64	84	242384	25.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	8.30	65	151271	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.27	84	493456	25.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.68%
33) 1,2-Dichloropropane-d6	9.27	67	162504	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.32	98	443378	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloropropene-	10.57	79	68522	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.96%
39) 2-Hexanone-d5	10.92	63	81138	55.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141505	26.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	151165	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	125108	29.079 ug/L	97
3) Chloromethane	2.21	50	117078	25.065 ug/L	100
5) Vinyl chloride	2.36	62	160283	26.291 ug/L	97
6) Bromomethane	2.78	94	73704	25.841 ug/L	99
8) Chloroethane	2.92	64	83580	27.124 ug/L	96
9) Trichlorofluoromethane	3.24	101	52827	25.308 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	122629	26.366 ug/L	98
12) 1,1-Dichloroethene	4.04	96	121180	26.360 ug/L	89
13) Acetone	4.12	43	105073	51.126 ug/L	98
14) Carbon disulfide	4.38	76	336471	25.587 ug/L	99
15) Methyl Acetate	4.67	43	94598	28.287 ug/L	99
16) Methylene chloride	4.92	84	131570	25.595 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	191124	26.809 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	120114	25.857 ug/L	97
19) 1,1-Dichloroethane	6.21	63	249488	26.455 ug/L	100
21) 2-Butanone	7.17	43	145677	54.909 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	133425	26.535 ug/L	99

Data File : VW011137.D
Acq On : 03 Jul 2019 12:05
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Quant Time: Jul 03 23:20:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 23:17:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56370	26.717	ug/L	98
25) Chloroform	7.67	83	233453	26.134	ug/L	99
27) 1,2-Dichloroethane	8.40	62	182551	26.734	ug/L	99
30) Cyclohexane	7.95	56	254898	26.347	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	173669	26.297	ug/L	100
32) Carbon tetrachloride	8.07	117	161498	26.075	ug/L	99
34) Benzene	8.32	78	523614	26.329	ug/L	100
35) Trichloroethene	9.09	95	130103	25.925	ug/L	100
36) Methylcyclohexane	9.34	83	238816	26.444	ug/L	98
40) 1,2-Dichloropropane	9.37	63	145515	26.703	ug/L	100
41) Bromodichloromethane	9.64	83	169798	27.026	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	218115	27.127	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	284565	56.331	ug/L	100
44) Toluene	10.38	91	551549	26.795	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	182530	27.435	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	102152	27.069	ug/L	96
47) Tetrachloroethene	10.86	164	99243	26.166	ug/L	99
49) 2-Hexanone	10.97	43	215762	58.678	ug/L	99
50) Dibromochloromethane	11.13	129	109867	27.340	ug/L	96
51) 1,2-Dibromoethane	11.23	107	98850	27.128	ug/L	99
52) Chlorobenzene	11.66	112	329355	26.190	ug/L	98
53) Ethylbenzene	11.73	91	623623	26.709	ug/L	99
54) m,p-Xylene	11.84	106	224149	26.442	ug/L	95
55) o-xylene	12.16	106	218008	27.034	ug/L	98
56) Styrene	12.18	104	379466	27.430	ug/L	98
57) Isopropylbenzene	12.46	105	594301	26.997	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	140627	28.011	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	107608	27.911	ug/L	99
62) Bromoform	12.35	173	63536	27.199	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	258188	26.774	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	261242	26.464	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	243313	27.106	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23745	26.944	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	198274	27.137	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	170723	27.891	ug/L	98
69) Naphthalene	15.37	128	379926	29.637	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	158028	28.217	ug/L	99

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

Data File : VW011137.D
Acq On : 03 Jul 2019 12:05
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Quant Time: Jul 03 23:20:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 23:17:38 2019
Response via : Initial Calibration

