

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010942.D
 Acq On : 24 Jun 2019 20:49
 Operator : SY/VA
 Sample : K3456-08
 Misc : 3.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANX8

Quant Time: Jun 25 02:50:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1101	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	3170	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	2463	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.60	65	111	7.78	ug/L	0.25
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.12%
7) Chloroethane-d5	2.87	69	199	18.09	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.09	46	10263	1531.37	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3062.74%#
24) Chloroform-d	7.65	84	1088	36.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	146.56%
26) 1,2-Dichloroethane-d4	8.31	65	6460	350.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	1403.92%#
29) Benzene-d6	8.28	84	1344	7.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	28.24%
33) 1,2-Dichloropropane-d6	9.27	67	2401	38.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.72%#
37) Toluene-d8	10.32	98	1567	9.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	36.52%
38) trans-1,3-Dichloropropene-	10.58	79	1836	65.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	263.88%#
39) 2-Hexanone-d5	10.93	63	1583	112.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	224.02%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13744	265.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1060.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	3424	36.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	147.32%#

Target Compounds

					Ovalue
3) Chloromethane	2.21	50	96	5.834	ug/L # 38
5) Vinyl chloride	2.36	62	46	2.338	ug/L # 1
6) Bromomethane	2.78	94	91	9.371	ug/L 50
8) Chloroethane	2.86	64	102	9.789	ug/L # 1
12) 1,1-Dichloroethene	3.83	96	50	3.244	ug/L # 1
13) Acetone	4.12	43	6396	996.587	ug/L 99
14) Carbon disulfide	4.37	76	69	1.512	ug/L # 75
15) Methyl Acetate	4.68	43	1079	97.125	ug/L # 88
16) Methylene chloride	4.91	84	1033	63.351	ug/L 89
17) Methyl tert-butyl Ether	5.70	73	61	2.528	ug/L # 1
19) 1,1-Dichloroethane	6.40	63	39	1.232	ug/L # 51
21) 2-Butanone	7.13	43	4260	504.720	ug/L # 64
36) Methylcyclohexane	9.27	83	593	6.116	ug/L # 18
40) 1,2-Dichloropropane	9.29	63	129	2.250	ug/L # 88
42) cis-1,3-Dichloropropene	10.03	75	114	1.293	ug/L # 44
43) 4-Methyl-2-pentanone	10.21	43	1851	34.789	ug/L # 90
44) Toluene	10.39	91	200	0.918	ug/L # 62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 2-Hexanone	10.97	43	295	7.793	uq/L #	42
65) 1,2-Dichlorobenzene	13.87	146	97	0.654	uq/L #	24
69) Naphthalene	15.38	128	134	0.607	uq/L #	68

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

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