

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011119.D
 Acq On : 29 May 2019 22:49
 Operator : SY/MD
 Sample : K3017-09
 Misc : 2.75G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E2

Quant Time: May 31 11:30:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 04:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	302035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106844	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.20%
7) Chloroethane-d5	1.56	69	85098	28.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.16%
10) 1,1-Dichloroethene-d2	2.12	63	161036	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.64%
20) 2-Butanone-d5	3.94	46	77970	54.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.26%
24) Chloroform-d	4.40	84	196706	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	5.08	65	117266	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	5.09	84	395358	36.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.68%#
33) 1,2-Dichloropropane-d6	6.12	67	127294	37.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.44%#
37) Toluene-d8	7.36	98	295304	29.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.84%
38) trans-1,3-Dichloropropene-	7.66	79	44445	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.24%
39) 2-Hexanone-d5	8.13	63	56501	75.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.22%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62419	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	28424	20.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	150495	93.080	ug/L	99
15) Methyl Acetate	2.45	43	74419	31.888	ug/L #	100
21) 2-Butanone	4.03	43	11912	5.982	ug/L	79
44) Toluene	7.43	91	12942	1.069	ug/L	100

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

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