

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009642.D
 Acq On : 13 Mar 2019 18:19
 Operator : SY/MD
 Sample : K1736-15RE
 Misc : 4.48G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF629RE

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 7:53:48 AM

Quant Time: Mar 14 08:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	26300	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	28614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1668	4.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.84%#
7) Chloroethane-d5	1.58	69	4018	9.68	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.72%
10) 1,1-Dichloroethene-d2	2.13	63	4925	5.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	21.68%#
20) 2-Butanone-d5	3.95	46	1159m	13.16	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.32%
24) Chloroform-d	4.40	84	17654	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	5.08	65	18010	47.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	189.88%#
29) Benzene-d6	5.10	84	31248	20.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.28%
33) 1,2-Dichloropropane-d6	6.12	67	15613	35.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.40%#
37) Toluene-d8	7.36	98	27907	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.88%
38) trans-1,3-Dichloropropene-	7.67	79	2515	12.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.92%
39) 2-Hexanone-d5	8.14	63	865	10.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14581	35.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.44%#
61) 1,2-Dichlorobenzene-d4	11.68	152	7223	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds					Ovalue
13) Acetone	2.19	43	5717	53.838 ug/L	91
16) Methylene chloride	2.54	84	3433	8.967 ug/L	96
44) Toluene	7.43	91	5456	3.020 ug/L	100

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

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