

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053019\
 Data File : VV011167.D
 Acq On : 31 May 2019 07:33
 Operator : SY/MD
 Sample : K3017-15RE
 Misc : 5.94G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E8RE

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 9:40:27 AM

Quant Time: May 31 09:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 08:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334318	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	271746	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91674	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	1.57	69	81315	23.38	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	2.12	63	146597m	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	3.93	46	72483	43.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.68%
24) Chloroform-d	4.39	84	205033	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.08	65	127293	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	5.09	84	419383	28.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.68%
33) 1,2-Dichloropropane-d6	6.11	67	137818	29.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.60%
37) Toluene-d8	7.36	98	356491	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	7.66	79	47387	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	8.13	63	54583	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98318	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	70883	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds					Ovalue
13) Acetone	2.18	43	129531	67.348 ug/L	100
15) Methyl Acetate	2.45	43	58576	20.240 ug/L	96
21) 2-Butanone	4.02	43	13229	5.863 ug/L	93

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

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