

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010393.D
 Acq On : 19 Apr 2019 19:59
 Operator : SY/MD
 Sample : K2456-08
 Misc : 5.07G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP6

Quant Time: Apr 20 05:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110995	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18184	12.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.60%
7) Chloroethane-d5	1.58	69	16505	13.94	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.76%
10) 1,1-Dichloroethene-d2	2.13	63	35064	10.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.24%#
20) 2-Butanone-d5	3.95	46	13892	31.65	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.30%
24) Chloroform-d	4.40	84	60565	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	5.08	65	33086	19.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.84%
29) Benzene-d6	5.10	84	117732	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	6.12	67	35099	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	7.36	98	108779	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	7.67	79	12450	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.16%
39) 2-Hexanone-d5	8.14	63	10423	31.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29152	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	43330	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	11621	6.555 ug/L	90

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

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