

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010405.D
 Acq On : 20 Apr 2019 01:26
 Operator : SY/MD
 Sample : K2456-22
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP0

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:53 AM

Quant Time: Apr 22 01:26:22 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	6172m	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	2985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	1404	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	2249	28.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.80%
7) Chloroethane-d5	1.58	69	1656	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	2.14	63	3400	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	3.98	46	67	2.75	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5.50%#
24) Chloroform-d	4.40	84	5124	31.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.32%
26) 1,2-Dichloroethane-d4	5.09	65	2685	28.03	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.12%
29) Benzene-d6	5.10	84	8032	52.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	210.28%#
33) 1,2-Dichloropropane-d6	6.12	67	2128	47.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	190.36%#
37) Toluene-d8	7.38	98	3942m	26.84	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.36%
38) trans-1,3-Dichloropropene-	7.68	79	255	11.59	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.36%
39) 2-Hexanone-d5	8.16	63	47	4.72	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.44%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	1180m	26.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	1270	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	643	6.522 ug/L	# 74

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

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