

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010398.D
 Acq On : 19 Apr 2019 22:16
 Operator : SY/MD
 Sample : K2456-15
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN5

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:50 AM

Quant Time: Apr 22 01:17:05 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	9574	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	5774	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	1856m	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2725	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.64%
7) Chloroethane-d5	1.59	69	2209	21.63	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
10) 1,1-Dichloroethene-d2	2.14	63	4310	14.69	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.76%
20) 2-Butanone-d5	3.96	46	307m	8.11	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.22%#
24) Chloroform-d	4.41	84	6706	26.64	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.56%
26) 1,2-Dichloroethane-d4	5.10	65	4136	27.84	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.36%
29) Benzene-d6	5.11	84	11318	38.29	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.16%#
33) 1,2-Dichloropropane-d6	6.13	67	3582	41.41	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.64%#
37) Toluene-d8	7.37	98	9387	33.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.16%#
38) trans-1,3-Dichloropropene-	7.68	79	895	21.04	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	8.16	63	440m	22.85	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2307	26.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	1944	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	949	6.206 ug/L	89

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

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