

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041619\
 Data File : VV010338.D
 Acq On : 16 Apr 2019 17:43
 Operator : SY/MD
 Sample : K2402-11
 Misc : 5.02G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ1

Manual Integrations
 APPROVED

MMDadoda

4/19/2019 12:23:33 PM

Quant Time: Apr 16 23:45:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 23:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	22083	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	20131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4506	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.92%
7) Chloroethane-d5	1.59	69	5137	23.51	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
10) 1,1-Dichloroethene-d2	2.14	63	7717	11.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.72%
20) 2-Butanone-d5	3.95	46	2757	42.86	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.72%
24) Chloroform-d	4.41	84	13344	26.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.84%
26) 1,2-Dichloroethane-d4	5.09	65	7590	26.43	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.72%
29) Benzene-d6	5.10	84	21865	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	6.12	67	7461	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.36%
37) Toluene-d8	7.36	98	16386	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.24%
38) trans-1,3-Dichloropropene-	7.67	79	2469	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	8.14	63	1420m	28.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7516	29.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	9121	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2301	5.321 ug/L	79
54) m,p-Xylene	9.18	106	5280	10.580 ug/L	96
55) o-xylene	9.59	106	3667	7.379 ug/L	91

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

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