

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041619\
 Data File : VV010340.D
 Acq On : 16 Apr 2019 18:35
 Operator : SY/MD
 Sample : K2402-12
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ2

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:23:41 PM

Quant Time: Apr 16 23:59:59 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	44613	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	42586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7566	14.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.92%
7) Chloroethane-d5	1.58	69	8925	20.22	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
10) 1,1-Dichloroethene-d2	2.13	63	17038	13.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.12%
20) 2-Butanone-d5	3.95	46	7668	59.00	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.00%
24) Chloroform-d	4.40	84	22570	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	14039	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	5.10	84	40716	19.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.32%
33) 1,2-Dichloropropane-d6	6.12	67	13476	22.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.24%
37) Toluene-d8	7.36	98	36073	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.04%
38) trans-1,3-Dichloropropene-	7.67	79	5385	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	8.14	63	3728m	35.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14139	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	13289	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	4140	4.738 ug/L	84

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

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