

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010445.D
 Acq On : 23 Apr 2019 09:33
 Operator : SY/MD
 Sample : K2481-12
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW5

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:44 AM

Quant Time: Apr 24 02:28:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	18185	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	15750	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	5065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2397	9.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.28%
7) Chloroethane-d5	1.58	69	3453	17.72	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
10) 1,1-Dichloroethene-d2	2.13	63	4093	8.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.00%#
20) 2-Butanone-d5	3.96	46	3421m	58.40	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.80%
24) Chloroform-d	4.40	84	11563	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.08	65	8001	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.40%
29) Benzene-d6	5.10	84	17874	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	6.12	67	6972	32.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.04%#
37) Toluene-d8	7.37	98	15020	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	7.67	79	2351	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	8.15	63	2542m	59.66	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7053	33.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.00%#
61) 1,2-Dichlorobenzene-d4	11.68	152	5003	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds Ovalue

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

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