

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010377.D
 Acq On : 19 Apr 2019 09:39
 Operator : SY/MD
 Sample : K2402-07
 Misc : 5.07G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:53:46 AM

Quant Time: Apr 20 03:46:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 02:27:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	18603	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	15487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5575	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	5248	26.45	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.80%
10) 1,1-Dichloroethene-d2	2.14	63	9282	16.29	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.16%
20) 2-Butanone-d5	3.97	46	1575m	21.41	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.82%
24) Chloroform-d	4.41	84	11771	24.07	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.09	65	5910	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.88%
29) Benzene-d6	5.10	84	21332	26.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.64%
33) 1,2-Dichloropropane-d6	6.12	67	6405	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	7.37	98	18255	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	7.67	79	1798m	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.04%
39) 2-Hexanone-d5	8.15	63	861m	16.67	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4342	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	5002	34.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.08%#

Target Compounds Ovalue

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

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