

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010801.D
 Acq On : 10 May 2019 07:55
 Operator : SY/MD
 Sample : K2737-05
 Misc : 3.72G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB851

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:45:30 AM

Quant Time: May 10 09:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 07:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	10378	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	8276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3349	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	1.58	69	3710	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.84%
10) 1,1-Dichloroethene-d2	2.13	63	4831	13.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.24%
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	7891	27.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.56%
26) 1,2-Dichloroethane-d4	5.08	65	5262	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.12%
29) Benzene-d6	5.10	84	13469	30.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.68%
33) 1,2-Dichloropropane-d6	6.12	67	4821	34.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.92%#
37) Toluene-d8	7.36	98	9711	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	7.67	79	1164	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.60%
39) 2-Hexanone-d5	8.14	63	471m	16.22	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2979	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	2057	27.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.56%

Target Compounds Ovalue

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

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