

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010649.D
 Acq On : 03 May 2019 06:10
 Operator : SY/MD
 Sample : K2603-22
 Misc : 5.03G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ74

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:53:24 AM

Quant Time: May 03 07:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 03:59:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	8889	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	6855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1383	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1902	16.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.60%		
7) Chloroethane-d5	1.58	69	1735	22.02	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.08%		
10) 1,1-Dichloroethene-d2	2.14	63	3966	20.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.40%		
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	4.41	84	5464	23.80	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.20%		
26) 1,2-Dichloroethane-d4	5.09	65	2802	21.30	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.20%		
29) Benzene-d6	5.11	84	10025	28.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.88%		
33) 1,2-Dichloropropane-d6	6.12	67	3674	33.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	135.04%#		
37) Toluene-d8	7.36	98	9141	26.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.12%		
38) trans-1,3-Dichloropropene-	7.67	79	728m	16.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.76%		
39) 2-Hexanone-d5	8.16	63	403m	20.80	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	41.60%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2680	27.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.32%		
61) 1,2-Dichlorobenzene-d4	11.68	152	1501	28.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	112.84%		
Target Compounds						
54) m,p-Xylene	9.18	106	884	5.703	ug/L	77
55) o-xylene	9.59	106	873	5.765	ug/L	92

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

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