

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009164.D
 Acq On : 04 Jan 2019 16:51
 Operator : SY/MD
 Sample : VV0104SBL01
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:00:10 AM

Quant Time: Jan 05 05:31:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178229	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25133	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	1.58	69	28701	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	2.13	63	63174	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	34640m	40.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.78%
24) Chloroform-d	4.40	84	80179	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	5.08	65	44026	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.72%
29) Benzene-d6	5.10	84	162977	22.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.24%
33) 1,2-Dichloropropane-d6	6.12	67	46952	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.68%
37) Toluene-d8	7.36	98	147859	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
38) trans-1,3-Dichloropropene-	7.67	79	19416	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.92%
39) 2-Hexanone-d5	8.15	63	20122	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46476	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	56389	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds					Ovalue
13) Acetone	2.22	43	4485m	3.690	ug/L
16) Methylene chloride	2.53	84	3654	1.372	ug/L

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

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