

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009387.D
 Acq On : 27 Feb 2019 00:20
 Operator : SY/MD
 Sample : K1626-03
 Misc : 5.10G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC89

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:44:40 PM

Quant Time: Feb 27 06:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 27 04:43:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146938	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32281	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	1.58	69	53461	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	2.13	63	68242	13.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.84%
20) 2-Butanone-d5	3.96	46	13059	23.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.90%
24) Chloroform-d	4.40	84	74082	20.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.08	65	40180	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.52%
29) Benzene-d6	5.10	84	151174	22.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.52%
33) 1,2-Dichloropropane-d6	6.12	67	47891	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	7.36	98	139609	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	7.67	79	14561	14.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.52%
39) 2-Hexanone-d5	8.14	63	10597	25.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32697	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	35327	20.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.88%

Target Compounds					Ovalue
13) Acetone	2.21	43	2683m	4.214 ug/L	
16) Methylene chloride	2.54	84	7627	3.832 ug/L	97

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

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