

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009548.D
 Acq On : 08 Mar 2019 19:24
 Operator : SY/MD
 Sample : K1736-13
 Misc : 6.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF627

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:08:51 AM

Quant Time: Mar 09 04:09:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152673	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135882	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29713	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
7) Chloroethane-d5	1.57	69	36592	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
10) 1,1-Dichloroethene-d2	2.13	63	69733	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	3.95	46	16159m	25.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.60%
24) Chloroform-d	4.40	84	79519	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.08	65	46411	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	5.10	84	155945	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	6.12	67	48980	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
37) Toluene-d8	7.36	98	145482	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.68%
38) trans-1,3-Dichloropropene-	7.66	79	17089	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	8.13	63	14069	30.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40626	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	45096	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	2676	1.336 ug/L	94

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

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