

Data File : VV009930.D
Acq On : 27 Mar 2019 16:09
Operator : SY/MD
Sample : K2085-09
Misc : 4.66G/10mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T4

Manual Integrations
APPROVED

MMDadoda
3/29/2019 1:12:25 PM

Quant Time: Mar 28 08:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	78516	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21320	13.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.52%
7) Chloroethane-d5	1.57	69	34305	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
10) 1,1-Dichloroethene-d2	2.13	63	54733	12.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.24%
20) 2-Butanone-d5	3.93	46	18741m	63.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.24%
24) Chloroform-d	4.40	84	59869	29.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.72%
26) 1,2-Dichloroethane-d4	5.08	65	48384	40.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	160.76%#
29) Benzene-d6	5.10	84	114081	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	6.12	67	42029	31.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.72%#
37) Toluene-d8	7.36	98	97415	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	7.66	79	12341	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.24%
39) 2-Hexanone-d5	8.13	63	10677	42.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47081	35.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.24%#
61) 1,2-Dichlorobenzene-d4	11.67	152	35538	29.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.76%

Target Compounds					Qvalue
13) Acetone	2.18	43	7466	16.609 ug/L	98
16) Methylene chloride	2.53	84	6360	4.919 ug/L	87

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

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