

Data File : VV011047.D
Acq On : 24 May 2019 02:43
Operator : SY/MD
Sample : K3016-15
Misc : 5.31G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Manual Integrations
APPROVED

MMDadoda
5/28/2019 2:55:08 AM

Quant Time: May 24 09:29:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	87535	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27353	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17469	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	1.56	69	14513	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	2.12	63	26153	13.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.52%
20) 2-Butanone-d5	3.94	46	34044	98.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	197.74%#
24) Chloroform-d	4.40	84	60361	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	5.08	65	36663	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	5.10	84	109893	24.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.56%
33) 1,2-Dichloropropane-d6	6.12	67	39808	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	7.36	98	89186	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.28%
38) trans-1,3-Dichloropropene-	7.66	79	14088	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	8.13	63	27462	101.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	203.58%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48267	33.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	24941	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds						Qvalue
13) Acetone	2.19	43	19306	58.139	ug/L	91
15) Methyl Acetate	2.46	43	9457	14.823	ug/L	99
21) 2-Butanone	4.04	43	2596m	5.713	ug/L	

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

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