

Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F5

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:10 AM

Quant Time: May 31 14:58:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	23142	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	33574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4233	13.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.08%
7) Chloroethane-d5	1.56	69	3518	14.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.44%
10) 1,1-Dichloroethene-d2	2.12	63	8516	13.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.00%
20) 2-Butanone-d5	3.94	46	76755	670.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1341.38%#
24) Chloroform-d	4.40	84	13908	24.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.08	65	22749	61.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	246.84%#
29) Benzene-d6	5.09	84	26046	14.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	57.12%
33) 1,2-Dichloropropane-d6	6.11	67	11550	19.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.08%
37) Toluene-d8	7.36	98	29528	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.64%
38) trans-1,3-Dichloropropene-	7.66	79	8077	30.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.20%
39) 2-Hexanone-d5	8.13	63	48128	362.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	724.94%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44712	84.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	339.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	19342	26.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.92%

Target Compounds

						Qvalue
13) Acetone	2.19	43	222961	1674.715	ug/L	99
15) Methyl Acetate	2.46	43	239101	1193.535	ug/L	97
16) Methylene chloride	2.53	84	2212	6.272	ug/L	84
21) 2-Butanone	4.03	43	16964m	108.610	ug/L	
35) Trichloroethene	5.95	95	1611	3.087	ug/L	90
44) Toluene	7.43	91	5663	2.607	ug/L	94
54) m,p-Xylene	9.18	106	1975	2.130	ug/L	99
55) o-xylene	9.59	106	1363	1.495	ug/L	75

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

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