

Data File : VV011028.D
Acq On : 23 May 2019 15:43
Operator : SY/MD
Sample : K3016-10
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C9

Manual Integrations
APPROVED

MMDadoda
5/28/2019 2:54:59 AM

Quant Time: May 24 08:28:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	121942	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110263	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36945	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18918	13.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.44%
7) Chloroethane-d5	1.56	69	14913	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.36%
10) 1,1-Dichloroethene-d2	2.12	63	28345	10.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.40%#
20) 2-Butanone-d5	3.93	46	27981	58.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.66%
24) Chloroform-d	4.40	84	60061	19.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.04%
26) 1,2-Dichloroethane-d4	5.08	65	34661	18.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.48%
29) Benzene-d6	5.09	84	112496	18.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.76%
33) 1,2-Dichloropropane-d6	6.11	67	40176	21.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.00%
37) Toluene-d8	7.36	98	94427	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.48%
38) trans-1,3-Dichloropropene-	7.66	79	14717	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	8.13	63	22835	64.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41359	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	25517	17.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.04%#

Target Compounds						Qvalue
13) Acetone	2.19	43	22829	49.351	ug/L	97
15) Methyl Acetate	2.46	43	2886	3.247	ug/L #	80
21) 2-Butanone	4.03	43	1774m	2.802	ug/L	

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

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