

Data File : VV011041.D
Acq On : 23 May 2019 21:45
Operator : SY/MD
Sample : K3016-08
Misc : 5.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C7

Quant Time: May 24 09:04:25 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	93828	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38877	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17090	15.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.92%
7) Chloroethane-d5	1.57	69	13804	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	2.12	63	25736	12.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.04%
20) 2-Butanone-d5	3.94	46	28946	78.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.84%#
24) Chloroform-d	4.40	84	57368	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	34830	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	5.09	84	108925	19.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.04%
33) 1,2-Dichloropropane-d6	6.12	67	38965	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.96%
37) Toluene-d8	7.36	98	90134	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.36%
38) trans-1,3-Dichloropropene-	7.66	79	14300	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	8.13	63	24163	73.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.90%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46733	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	35619	22.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.28%

Target Compounds					Qvalue
13) Acetone	2.19	43	4817	13.533 ug/L	94
14) Carbon disulfide	2.31	76	4005	1.444 ug/L	99
15) Methyl Acetate	2.46	43	1189	1.739 ug/L	90

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

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