

Data File : VV011034.D
Acq On : 23 May 2019 18:29
Operator : SY/MD
Sample : K3016-01
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C0

Manual Integrations
APPROVED

MMDadoda
5/28/2019 2:55:05 AM

Quant Time: May 24 08:47:12 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	100707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18990	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.16%
7) Chloroethane-d5	1.56	69	14743	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	2.12	63	28658m	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	3.94	46	31607	79.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.56%#
24) Chloroform-d	4.40	84	60054	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	36060	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.84%
29) Benzene-d6	5.09	84	114235	21.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.00%
33) 1,2-Dichloropropane-d6	6.12	67	40557	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	7.36	98	95592	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	7.66	79	15396	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.88%
39) 2-Hexanone-d5	8.13	63	25599	82.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.50%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45415	27.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	27027	20.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.44%

Target Compounds						Qvalue
13) Acetone	2.19	43	16573	43.381	ug/L	97
15) Methyl Acetate	2.46	43	6976	9.504	ug/L	99
21) 2-Butanone	4.04	43	2332m	4.461	ug/L	

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

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