

Data File : VV009998.D
Acq On : 29 Mar 2019 13:51
Operator : SY/MD
Sample : K2120-04RE
Misc : 5.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C7RE

Manual Integrations
APPROVED

MMDadoda
4/7/2019 11:54:35 AM

Quant Time: Mar 30 11:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5387	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	2759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3161	28.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.68%
7) Chloroethane-d5	1.58	69	1865	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
10) 1,1-Dichloroethene-d2	2.14	63	3026	10.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.48%#
20) 2-Butanone-d5	3.93	46	125	6.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.28%#
24) Chloroform-d	4.39	84	2042	14.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.52%
26) 1,2-Dichloroethane-d4	5.09	65	2336	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	5.10	84	3735	25.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.12%
33) 1,2-Dichloropropane-d6	6.12	67	1960	46.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	184.96%#
37) Toluene-d8	7.36	98	4824	35.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	140.72%#
38) trans-1,3-Dichloropropene-	7.67	79	121	6.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	27.92%#
39) 2-Hexanone-d5	8.14	63	78	9.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.72%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	815	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	227	19.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.20%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	442m	4.982	ug/L

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

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