

Data File : VV010912.D
Acq On : 15 May 2019 23:39
Operator : SY/MD
Sample : K2788-14
Misc : 6.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:21 AM

Quant Time: May 16 08:55:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5057	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	3592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2092	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.88%
7) Chloroethane-d5	1.58	69	1933	46.04	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	184.16%#
10) 1,1-Dichloroethene-d2	2.14	63	3398	27.87	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.48%#
20) 2-Butanone-d5	3.94	46	1123m	55.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.80%
24) Chloroform-d	4.41	84	4224	28.93	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.72%
26) 1,2-Dichloroethane-d4	5.08	65	2197m	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
29) Benzene-d6	5.10	84	7394	37.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.76%#
33) 1,2-Dichloropropane-d6	6.12	67	2381	37.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.16%#
37) Toluene-d8	7.37	98	5593	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.08%
38) trans-1,3-Dichloropropene-	7.67	79	460	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.48%
39) 2-Hexanone-d5	8.14	63	346	28.79	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2118	36.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.00%#
61) 1,2-Dichlorobenzene-d4	11.68	152	947	28.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.36%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.15	96	534	9.163 ug/L #	1
22) cis-1,2-Dichloroethene	3.97	96	148343	1826.066 ug/L	98
31) 1,1,1-Trichloroethane	4.67	97	1025	13.138 ug/L #	68
35) Trichloroethene	5.96	95	230491	4247.788 ug/L	99
47) Tetrachloroethene	8.02	164	2497	62.278 ug/L	88

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

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