

Data File : VV010918.D
Acq On : 16 May 2019 02:25
Operator : SY/MD
Sample : K2788-13
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A3

Quant Time: May 16 09:15:21 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	5.66	114	135427	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136978	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33482	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
7) Chloroethane-d5	1.56	69	27149	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
10) 1,1-Dichloroethene-d2	2.12	63	49694	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	3.93	46	36658	67.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.06%#
24) Chloroform-d	4.39	84	86997	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	54771	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	5.09	84	168307	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	6.11	67	59976	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	7.36	98	145521	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.88%
38) trans-1,3-Dichloropropene-	7.66	79	22281	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	8.13	63	27694	60.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58792	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	50329	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

					Qvalue
13) Acetone	2.18	43	13754	24.876 ug/L	96
15) Methyl Acetate	2.45	43	2694	2.339 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	10279	4.725 ug/L	92
35) Trichloroethene	5.95	95	126386	61.079 ug/L	98
47) Tetrachloroethene	8.02	164	1962	1.283 ug/L	94

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

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