

Data File : VV011149.D
Acq On : 30 May 2019 21:28
Operator : SY/MD
Sample : K3083-01
Misc : 3.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F3

Quant Time: May 31 15:02:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327012	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	250557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63946	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91393	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
7) Chloroethane-d5	1.57	69	79860	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
10) 1,1-Dichloroethene-d2	2.12	63	144514	15.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.64%
20) 2-Butanone-d5	3.94	46	58522	36.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.38%
24) Chloroform-d	4.40	84	190686	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.08	65	109469	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.08%
29) Benzene-d6	5.09	84	397406	29.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.80%
33) 1,2-Dichloropropane-d6	6.12	67	126054	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.64%
37) Toluene-d8	7.36	98	334959	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	7.66	79	40040	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	41057	41.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67451	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	48371	20.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.88%

Target Compounds

						Qvalue
13) Acetone	2.19	43	234147	124.462	ug/L	100
15) Methyl Acetate	2.46	43	154037	54.415	ug/L	98
19) 1,1-Dichloroethane	3.22	63	13123	1.515	ug/L	99
21) 2-Butanone	4.03	43	14963	6.780	ug/L	98
31) 1,1,1-Trichloroethane	4.65	97	164141	28.605	ug/L	100
35) Trichloroethene	5.96	95	9114	2.340	ug/L	96
44) Toluene	7.43	91	18072	1.115	ug/L	93
47) Tetrachloroethene	8.02	164	40036	13.872	ug/L	98

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

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