

Data File : VV011053.D
Acq On : 24 May 2019 05:31
Operator : SY/MD
Sample : K3016-21
Misc : 4.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

Quant Time: May 24 09:17:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92156	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	18667	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.08%
7) Chloroethane-d5	1.56	69	15412	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
10) 1,1-Dichloroethene-d2	2.12	63	27393	13.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.24%
20) 2-Butanone-d5	3.93	46	34631	95.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	191.06%#
24) Chloroform-d	4.39	84	63810	26.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.07	65	38398	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	5.09	84	112710	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	6.11	67	41270	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.20%
37) Toluene-d8	7.36	98	84374	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.92%
38) trans-1,3-Dichloropropene-	7.66	79	12981	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	8.13	63	24865	94.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	189.32%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45264	32.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.76%#
61) 1,2-Dichlorobenzene-d4	11.67	152	19992	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds					Qvalue
13) Acetone	2.18	43	26752	76.523 ug/L	96
15) Methyl Acetate	2.45	43	14100	20.992 ug/L	96
21) 2-Butanone	4.03	43	2221	4.642 ug/L	99

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

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