

Data File : VV010927.D
Acq On : 16 May 2019 11:33
Operator : SY/MD
Sample : K2788-17
Misc : 6.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A8

Quant Time: May 17 05:45:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128686	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32071	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	1.57	69	25491	23.86	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	2.12	63	47465	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	3.93	46	29807	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
24) Chloroform-d	4.40	84	73759	19.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.08	65	43721	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	5.10	84	147365	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	6.11	67	47740	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	7.36	98	120019	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.56%
38) trans-1,3-Dichloropropene-	7.66	79	17832	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.60%
39) 2-Hexanone-d5	8.13	63	23275	60.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44033	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	31108	20.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.32%

Target Compounds

					Qvalue
13) Acetone	2.19	43	14454	27.511 ug/L	95
15) Methyl Acetate	2.46	43	1214	1.109 ug/L #	83
35) Trichloroethene	5.96	95	1441	0.830 ug/L #	69
47) Tetrachloroethene	8.02	164	5238	4.084 ug/L	95
54) m,p-Xylene	9.18	106	2499	0.778 ug/L	84

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

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