

Data File : VV010899.D
Acq On : 15 May 2019 13:56
Operator : SY/MD
Sample : K2788-12
Misc : 5.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Quant Time: May 16 08:03:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	52419	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	51128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15456	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
7) Chloroethane-d5	1.58	69	10835	24.89	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
10) 1,1-Dichloroethene-d2	2.13	63	22444	17.76	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	3.94	46	14969	71.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.48%#
24) Chloroform-d	4.40	84	33818	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	21885	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	5.10	84	66521	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	6.12	67	22195	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	7.36	98	53648	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.92%
38) trans-1,3-Dichloropropene-	7.67	79	8152	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	8.13	63	10588	61.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25553	30.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.08%#
61) 1,2-Dichlorobenzene-d4	11.67	152	20748	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds					Qvalue
13) Acetone	2.19	43	1475	6.892 ug/L	98
14) Carbon disulfide	2.31	76	3007	1.653 ug/L	99

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

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