

Data File : VV010915.D  
 Acq On : 16 May 2019 01:02  
 Operator : SY/MD  
 Sample : K2788-17  
 Misc : 6.10G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A51A8

Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/20/2019 1:04:22 AM

Quant Time: May 16 09:07:22 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	5.67	114	7399	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	6126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1112	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	2395	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	1.58	69	2271	36.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.88%
10) 1,1-Dichloroethene-d2	2.13	63	3602	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.76%
20) 2-Butanone-d5	3.95	46	1067m	35.98	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.96%
24) Chloroform-d	4.41	84	5080	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.08	65	3158	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.00%
29) Benzene-d6	5.10	84	9778	28.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.36%
33) 1,2-Dichloropropane-d6	6.12	67	3230	29.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.44%
37) Toluene-d8	7.36	98	7001	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.68	79	692	14.66	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.64%
39) 2-Hexanone-d5	8.14	63	437	21.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2794	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	1162m	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds					Qvalue
13) Acetone	2.19	43	1561	51.675 ug/L	92
35) Trichloroethene	5.97	95	789	8.526 ug/L	95

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

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