

Data File : VV010856.D
Acq On : 14 May 2019 12:24
Operator : SY/MD
Sample : K2692-21RE
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5184RE

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:15 AM

Quant Time: May 15 07:29:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126482	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	104838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28885	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30010	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	1.56	69	22152	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
10) 1,1-Dichloroethene-d2	2.12	63	40022	13.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.48%
20) 2-Butanone-d5	3.93	46	24797	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	4.40	84	68665	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	5.08	65	43165	20.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.16%
29) Benzene-d6	5.09	84	133455	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
33) 1,2-Dichloropropane-d6	6.11	67	44070	23.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.20%
37) Toluene-d8	7.36	98	101267	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.64%
38) trans-1,3-Dichloropropene-	7.66	79	14206	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.36%
39) 2-Hexanone-d5	8.13	63	18223	51.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34417	20.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	21137	17.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.08%#

Target Compounds					Qvalue
13) Acetone	2.19	43	13238	25.636 ug/L	99
15) Methyl Acetate	2.46	43	7061	6.565 ug/L	100
21) 2-Butanone	4.04	43	2037m	3.056 ug/L	
44) Toluene	7.43	91	6670	0.982 ug/L	79

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

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