

Data File : VV010892.D
Acq On : 15 May 2019 10:07
Operator : SY/MD
Sample : K2846-02
Misc : 2.99G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB7

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:18 AM

Quant Time: May 16 07:44:26 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	123627	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33202	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
7) Chloroethane-d5	1.56	69	25363	24.71	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.12	63	47735	16.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.08%
20) 2-Butanone-d5	3.93	46	30057	60.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.32%
24) Chloroform-d	4.40	84	73795	20.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.08	65	46752	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	5.10	84	150345	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	6.11	67	50407	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	7.36	98	129916	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.16%
38) trans-1,3-Dichloropropene-	7.66	79	17699	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	8.13	63	23141	57.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48404	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	44646	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds					Qvalue
13) Acetone	2.19	43	4454	8.824 ug/L	99
14) Carbon disulfide	2.31	76	34698m	8.086 ug/L	

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

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