

Data File : VV011152.D
Acq On : 30 May 2019 22:53
Operator : SY/MD
Sample : K3083-04
Misc : 4.59G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F7

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:13 AM

Quant Time: May 31 15:05:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	292926	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228750	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	82743	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	1.57	69	69863	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
10) 1,1-Dichloroethene-d2	2.12	63	135435	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	3.94	46	68952	47.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.20%
24) Chloroform-d	4.40	84	169427	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	106441	22.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.24%
29) Benzene-d6	5.09	84	346567	27.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.60%
33) 1,2-Dichloropropane-d6	6.12	67	112419	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.96%
37) Toluene-d8	7.36	98	288810	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	7.66	79	43343	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.24%
39) 2-Hexanone-d5	8.13	63	51061	56.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77214	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	51283	21.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.32%

Target Compounds						Qvalue
13) Acetone	2.19	43	147800	87.706	ug/L	98
15) Methyl Acetate	2.46	43	116661	46.007	ug/L	99
21) 2-Butanone	4.03	43	18490m	9.352	ug/L	
35) Trichloroethene	5.96	95	57823	16.262	ug/L	98
44) Toluene	7.43	91	13759	0.930	ug/L	96
47) Tetrachloroethene	8.02	164	2142	0.813	ug/L	91

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

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