

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010132.D
 Acq On : 05 Apr 2019 15:46
 Operator : SY/MD
 Sample : K2168-06
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF647

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:39 AM

Quant Time: Apr 06 02:00:48 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M

Quant Title : VOC Analysis

QLast Update : Fri Apr 05 23:46:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144974	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155221	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28786	14.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.32%
7) Chloroethane-d5	1.56	69	31883	13.23	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.92%
10) 1,1-Dichloroethene-d2	2.12	63	60316	12.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.28%
20) 2-Butanone-d5	3.94	46	20351m	36.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.70%
24) Chloroform-d	4.40	84	91164	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.08	65	69202	33.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	135.48%#
29) Benzene-d6	5.10	84	185516	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
33) 1,2-Dichloropropane-d6	6.11	67	64494	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	7.36	98	175967	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	7.66	79	24275	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.60%
39) 2-Hexanone-d5	8.13	63	25437	53.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75256	32.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.48%#
61) 1,2-Dichlorobenzene-d4	11.67	152	70862	29.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.08%

Target Compounds					Qvalue
13) Acetone	2.19	43	6054	11.087 ug/L	93
15) Methyl Acetate	2.46	43	2882	3.299 ug/L #	80
16) Methylene chloride	2.53	84	11489	4.511 ug/L	92

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

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