

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010034.D
 Acq On : 30 Mar 2019 21:34
 Operator : SY/MD
 Sample : K2119-04
 Misc : 4.58G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5A1

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:01:40 AM

Quant Time: Mar 31 21:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	109345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40138	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	1.57	69	49158	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	2.12	63	92132	15.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.72%
20) 2-Butanone-d5	3.94	46	16490	39.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.76%
24) Chloroform-d	4.40	84	57031	20.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.88%
26) 1,2-Dichloroethane-d4	5.08	65	47262	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.76%
29) Benzene-d6	5.10	84	138416	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	6.12	67	45683	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	7.36	98	112655	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.60%
38) trans-1,3-Dichloropropene-	7.66	79	11946	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.76%
39) 2-Hexanone-d5	8.13	63	12524	38.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43262	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	40551	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds				Ovalue
16) Methylene chloride	2.53	84	3389m	1.882 ug/L

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

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