

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040419\
 Data File : VV010118.D
 Acq On : 04 Apr 2019 19:09
 Operator : SY/MD
 Sample : K2119-15
 Misc : 5.19G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5B3

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 3:25:42 PM

Quant Time: Apr 05 02:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64869	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	1.57	69	64152	13.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.60%
10) 1,1-Dichloroethene-d2	2.13	63	138775	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	3.93	46	34850	31.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.38%
24) Chloroform-d	4.40	84	146446	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.08	65	82187	19.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.52%
29) Benzene-d6	5.10	84	300518	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	6.12	67	88924	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.52%
37) Toluene-d8	7.36	98	288571	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloropropene-	7.66	79	31494	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.52%
39) 2-Hexanone-d5	8.13	63	25500	29.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73583	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	107161	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds					Ovalue
13) Acetone	2.19	43	3412m	3.089 ug/L	
16) Methylene chloride	2.54	84	11283	2.190 ug/L	96
47) Tetrachloroethene	8.02	164	1925	0.573 ug/L	80

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

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