

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010176.D
 Acq On : 08 Apr 2019 15:22
 Operator : SY/MD
 Sample : K2218-07
 Misc : 4.52G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z7

Quant Time: Apr 09 06:33:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121742	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38052	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12454	7.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.56%
7) Chloroethane-d5	1.57	69	25623	12.66	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.64%
10) 1,1-Dichloroethene-d2	2.12	63	33401	8.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.48%#
20) 2-Butanone-d5	3.95	46	23802	51.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.64%
24) Chloroform-d	4.40	84	76163	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.08	65	60864	35.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.88%#
29) Benzene-d6	5.10	84	131318	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	6.12	67	52701	30.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.52%#
37) Toluene-d8	7.36	98	105519	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.92%
38) trans-1,3-Dichloropropene-	7.67	79	13873	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.24%
39) 2-Hexanone-d5	8.14	63	16140	46.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58945	34.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.68%#
61) 1,2-Dichlorobenzene-d4	11.68	152	32117	21.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.68%

Target Compounds					Ovalue
13) Acetone	2.20	43	3060	6.674 ug/L	70
16) Methylene chloride	2.53	84	10757	5.029 ug/L	96

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

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