

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040319\
 Data File : VV010101.D
 Acq On : 03 Apr 2019 19:48
 Operator : SY/MD
 Sample : K2148-10RE
 Misc : 3.92G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F7RE

Manual Integrations
 APPROVED

MMDADODA
 4/13/2019 6:46:58 AM

Quant Time: Apr 08 12:20:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	7548	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	3917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	279	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2629	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.08%
7) Chloroethane-d5	1.59	69	2275	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
10) 1,1-Dichloroethene-d2	2.14	63	4151	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	3.97	46	417	14.50	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.00%
24) Chloroform-d	4.41	84	6206m	32.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.56%
26) 1,2-Dichloroethane-d4	5.09	65	3431	32.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.00%
29) Benzene-d6	5.11	84	9998	49.22	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	196.88%#
33) 1,2-Dichloropropane-d6	6.12	67	3237	54.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	216.00%#
37) Toluene-d8	7.37	98	6384	32.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.48%#
38) trans-1,3-Dichloropropene-	0.00	79	0d	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	8.19	63	121	10.06	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	1635	27.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	566	52.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	208.32%#

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	1032m	7.782	ug/L
47) Tetrachloroethene	8.03	164	616	13.348	ug/L

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

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