

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010986.D
 Acq On : 21 May 2019 05:50
 Operator : SY/MD
 Sample : K2948-03
 Misc : 5.36G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA8

Manual Integrations
 APPROVED

MMDadoda
 5/25/2019 1:43:00 AM

Quant Time: May 22 05:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 04:53:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	39565	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	40137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	12650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	5448	12.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.32%
7) Chloroethane-d5	1.57	69	5265	17.24	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.96%
10) 1,1-Dichloroethene-d2	2.12	63	9578	11.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.16%#
20) 2-Butanone-d5	3.94	46	4506m	28.95	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.90%
24) Chloroform-d	4.40	84	27014	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.08	65	17190	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.84%
29) Benzene-d6	5.09	84	45940	20.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.88%
33) 1,2-Dichloropropane-d6	6.12	67	19324	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.00%
37) Toluene-d8	7.36	98	36303	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.28%
38) trans-1,3-Dichloropropene-	7.66	79	3915	13.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.76%
39) 2-Hexanone-d5	8.14	63	2898	22.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	16434	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	12711	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds					Ovalue
13) Acetone	2.18	43	2281	15.198 ug/L	98
16) Methylene chloride	2.53	84	1262	1.859 ug/L	82

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

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