

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010081.D
 Acq On : 03 Apr 2019 01:52
 Operator : SY/MD
 Sample : K2148-19
 Misc : 3.49G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G6

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 5:03:15 AM

Quant Time: Apr 03 09:00:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161455	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24059	11.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.52%
7) Chloroethane-d5	1.57	69	43654	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.04%
10) 1,1-Dichloroethene-d2	2.12	63	56709	10.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.60%#
20) 2-Butanone-d5	3.97	46	2680m	4.36	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.72%#
24) Chloroform-d	4.40	84	98264	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.08	65	73368	32.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.96%
29) Benzene-d6	5.10	84	180761	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	6.12	67	68197	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.32%
37) Toluene-d8	7.36	98	158793	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.96%
38) trans-1,3-Dichloropropene-	7.66	79	5752	5.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	22.96%#
39) 2-Hexanone-d5	8.14	63	1725	3.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.34%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61107	26.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	49982	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds					Ovalue
13) Acetone	2.21	43	12817	21.077 ug/L	98
15) Methyl Acetate	2.47	43	6773	6.961 ug/L	99
16) Methylene chloride	2.53	84	11794	4.158 ug/L	97

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

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