

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010082.D
 Acq On : 03 Apr 2019 02:19
 Operator : SY/MD
 Sample : K2148-20
 Misc : 5.61G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5H0

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 5:03:17 AM

Quant Time: Apr 03 08:16:22 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	5.67	114	209077	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	208988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86455	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42193	15.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.28%
7) Chloroethane-d5	1.57	69	62565	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	2.13	63	92003	13.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.12%
20) 2-Butanone-d5	3.96	46	4232m	5.31	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.62%#
24) Chloroform-d	4.40	84	123447	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.08	65	79547	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.96%
29) Benzene-d6	5.10	84	246424	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	6.12	67	81605	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.04%
37) Toluene-d8	7.36	98	219754	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	7.67	79	14218	10.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.60%
39) 2-Hexanone-d5	8.14	63	3037	4.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.46%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73467	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	80657	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds					Ovalue
13) Acetone	2.20	43	2774	3.523 ug/L	84
16) Methylene chloride	2.54	84	10647	2.898 ug/L	95

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

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