

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030619\
 Data File : VV009512.D
 Acq On : 06 Mar 2019 12:14
 Operator : SY/MD
 Sample : K1736-05
 Misc : 5.31G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF623

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:47:14 PM

Quant Time: Mar 07 03:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 02:53:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166456	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42791	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	1.58	69	62693	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	2.13	63	93991	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	3.95	46	26857m	39.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.66%
24) Chloroform-d	4.40	84	94675	23.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.08	65	56402	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	5.10	84	199140	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	6.12	67	60716	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.68%
37) Toluene-d8	7.36	98	188544	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	7.66	79	25411	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	8.14	63	19614	37.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50139	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	61828	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	6087	2.786 ug/L	86

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

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