

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009081.D
 Acq On : 20 Dec 2018 13:41
 Operator : SY/MD
 Sample : J6471-15
 Misc : 5.35 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9H02

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:17 AM

Quant Time: Dec 21 00:39:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 00:25:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203538	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42240	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55105	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
7) Chloroethane-d5	1.58	69	52528	33.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.04%
10) 1,1-Dichloroethene-d2	2.13	63	104005	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	20010m	26.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.18%
24) Chloroform-d	4.40	84	129170	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	68787	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.04%
29) Benzene-d6	5.10	84	253651	31.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.68%
33) 1,2-Dichloropropane-d6	6.12	67	73974	32.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.92%#
37) Toluene-d8	7.36	98	211033	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	7.67	79	23503	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	8.14	63	11003	26.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39087	20.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	38507	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	8617	2.514 ug/L	98

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

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