

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009080.D
 Acq On : 20 Dec 2018 13:16
 Operator : SY/MD
 Sample : J6471-05
 Misc : 5.18 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9H14

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 00:37:13 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	5.66	114	146864	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40555	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.76%
7) Chloroethane-d5	1.58	69	38128	33.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.84%
10) 1,1-Dichloroethene-d2	2.13	63	74540	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	3.95	46	6713m	12.13	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.26%
24) Chloroform-d	4.40	84	98203	27.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.24%
26) 1,2-Dichloroethane-d4	5.08	65	57685	29.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.76%
29) Benzene-d6	5.10	84	180702	31.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.08%
33) 1,2-Dichloropropane-d6	6.12	67	56202	35.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.20%#
37) Toluene-d8	7.36	98	143212	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.84%
38) trans-1,3-Dichloropropene-	7.67	79	10899	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.32%
39) 2-Hexanone-d5	8.14	63	3880m	13.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38450	28.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	27209	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	7314	2.957 ug/L	98

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

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