

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009108.D
 Acq On : 21 Dec 2018 02:44
 Operator : SY/MD
 Sample : J6468-20
 Misc : 4.95 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH6

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:04:55 AM

Quant Time: Dec 21 03:07:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	254907	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230819	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108221	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48144	18.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.00%
7) Chloroethane-d5	1.58	69	49772	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
10) 1,1-Dichloroethene-d2	2.13	63	94586	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	3.94	46	37561	39.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.22%
24) Chloroform-d	4.40	84	147700	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	88635	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	5.10	84	288656	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	6.12	67	88494	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	7.36	98	261026	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	7.66	79	38779	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	8.14	63	22759	34.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62536	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	100692	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds					Qvalue
13) Acetone	2.21	43	3908m	2.762 ug/L	
16) Methylene chloride	2.54	84	7311	1.703 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5893	1.592 ug/L	98

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

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