

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012942.D
 Acq On : 23 Sep 2019 17:49
 Operator : SY/MD
 Sample : K4958-08
 Misc : 3.36G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY4

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:25:39 PM

Quant Time: Sep 24 08:03:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	612960	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	465586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	104362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246261	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
7) Chloroethane-d5	1.58	69	218964	28.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.92%
10) 1,1-Dichloroethene-d2	2.13	63	322265	20.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.52%
20) 2-Butanone-d5	3.95	46	106128	32.32	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.64%
24) Chloroform-d	4.40	84	440532	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	5.08	65	251613	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.84%
29) Benzene-d6	5.10	84	913520	35.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.56%#
33) 1,2-Dichloropropane-d6	6.12	67	287749	35.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.28%#
37) Toluene-d8	7.36	98	706047	29.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.68%
38) trans-1,3-Dichloropropene-	7.66	79	74394	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	8.14	63	56389	34.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	165634	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	104652	25.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.24%

Target Compounds					Ovalue
13) Acetone	2.21	43	68851	19.726 ug/L	100
16) Methylene chloride	2.54	84	53759	5.868 ug/L	98
21) 2-Butanone	4.05	43	40219m	9.902 ug/L	

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

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