

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012973.D
 Acq On : 25 Sep 2019 13:35
 Operator : SY/MD
 Sample : K4958-08RE
 Misc : 3.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY4RE

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:31:51 PM

Quant Time: Sep 26 02:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	820903	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	616010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	201310	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
7) Chloroethane-d5	1.58	69	189729	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.68%
10) 1,1-Dichloroethene-d2	2.13	63	262493	12.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.56%
20) 2-Butanone-d5	3.96	46	58192m	13.23	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.46%
24) Chloroform-d	4.40	84	377394	16.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.92%
26) 1,2-Dichloroethane-d4	5.08	65	211654	16.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.60%#
29) Benzene-d6	5.10	84	776886	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	6.12	67	246531	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	7.36	98	586083	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.08%
38) trans-1,3-Dichloropropene-	7.66	79	54041	11.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.36%
39) 2-Hexanone-d5	8.14	63	32885	15.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	132312	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	51.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	83324	15.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	61.12%#

Target Compounds					Ovalue
13) Acetone	2.21	43	80941	17.316 ug/L	99
16) Methylene chloride	2.54	84	17734	1.445 ug/L	93
21) 2-Butanone	4.03	43	60976	11.209 ug/L #	59

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

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