

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012971.D
 Acq On : 25 Sep 2019 12:39
 Operator : SY/MD
 Sample : K4958-02RE
 Misc : 3.10G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNYORE

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:31:44 PM

Quant Time: Sep 26 02:23:11 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	621223	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65378	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219697	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
7) Chloroethane-d5	1.58	69	214302	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
10) 1,1-Dichloroethene-d2	2.13	63	274018	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	3.94	46	54759	16.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.90%
24) Chloroform-d	4.40	84	409821	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.08	65	212326	21.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.60%
29) Benzene-d6	5.10	84	780612	38.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.64%#
33) 1,2-Dichloropropane-d6	6.11	67	256748	40.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	162.24%#
37) Toluene-d8	7.36	98	506257	27.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.48%
38) trans-1,3-Dichloropropene-	7.66	79	50341	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	8.14	63	28263	22.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	108036	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	46561	18.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.32%#

Target Compounds					Ovalue
13) Acetone	2.19	43	56828	16.065 ug/L	99
16) Methylene chloride	2.54	84	22840	2.460 ug/L	96
21) 2-Butanone	4.02	43	48927m	11.885 ug/L	

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

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