

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012981.D
 Acq On : 25 Sep 2019 17:16
 Operator : SY/MD
 Sample : K4988-03
 Misc : 4.57G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY6

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:32:09 PM

Quant Time: Sep 26 03:36:06 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	475845	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133488	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	1.58	69	147437	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	2.13	63	169668	13.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.28%
20) 2-Butanone-d5	3.98	46	13882m	5.45	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.90%#
24) Chloroform-d	4.40	84	335695	25.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.08	65	216637	28.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.04%
29) Benzene-d6	5.10	84	502134	24.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.64%
33) 1,2-Dichloropropane-d6	6.12	67	221011	34.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.92%#
37) Toluene-d8	7.36	98	341251	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.60%
38) trans-1,3-Dichloropropene-	7.66	79	27885	10.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.68%
39) 2-Hexanone-d5	8.14	63	9247	7.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.54%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	154918	25.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	81812	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

Target Compounds					Ovalue
13) Acetone	2.22	43	4263	1.573 ug/L	60
16) Methylene chloride	2.53	84	17819	2.505 ug/L	96

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

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