

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012943.D
 Acq On : 23 Sep 2019 18:16
 Operator : SY/MD
 Sample : K4958-09
 Misc : 4.11G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ1

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:25:45 PM

Quant Time: Sep 24 08:05:08 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	601012	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	516247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170526	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	216131	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
7) Chloroethane-d5	1.58	69	189806	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.68%
10) 1,1-Dichloroethene-d2	2.13	63	274945	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	3.94	46	130320	40.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.94%
24) Chloroform-d	4.40	84	381556	23.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.08	65	232874	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	5.10	84	773011	26.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.28%
33) 1,2-Dichloropropane-d6	6.11	67	248941	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.20%
37) Toluene-d8	7.36	98	621860	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.08%
38) trans-1,3-Dichloropropene-	7.66	79	77759	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.32%
39) 2-Hexanone-d5	8.14	63	75345	41.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	187832	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	154600	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds					Ovalue
13) Acetone	2.20	43	38003	11.105 ug/L	95
16) Methylene chloride	2.53	84	47169	5.251 ug/L	98
21) 2-Butanone	4.03	43	14631m	3.674 ug/L	

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

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