

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010426.D
 Acq On : 22 Apr 2019 22:07
 Operator : SY/MD
 Sample : K2456-14
 Misc : 5.03G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN4

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:41 AM

Quant Time: Apr 23 07:37:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390661	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85819	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	1.58	69	78679	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
10) 1,1-Dichloroethene-d2	2.13	63	136780m	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	3.93	46	57856	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
24) Chloroform-d	4.40	84	191950	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	5.08	65	127121	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.84%
29) Benzene-d6	5.10	84	371083	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	6.12	67	116534	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.20%
37) Toluene-d8	7.36	98	354138	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.66	79	50401	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.24%
39) 2-Hexanone-d5	8.13	63	43991	42.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	103273	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	152527	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds					Ovalue
13) Acetone	2.19	43	3391	2.514 ug/L	85
16) Methylene chloride	2.53	84	20636	3.602 ug/L	97

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

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