

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010440.D
 Acq On : 23 Apr 2019 06:50
 Operator : SY/MD
 Sample : K2481-04
 Misc : 5.09G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHT9

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:43 AM

Quant Time: Apr 23 08:21:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 07:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	71397	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	68733	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26996	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7019	7.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.56%#
7) Chloroethane-d5	1.58	69	10544	13.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.12%
10) 1,1-Dichloroethene-d2	2.12	63	16414	8.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.76%#
20) 2-Butanone-d5	3.94	46	12217m	53.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.24%
24) Chloroform-d	4.40	84	40422	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.08	65	28414	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.20%
29) Benzene-d6	5.10	84	67580	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	6.11	67	25607	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	7.36	98	60504	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.04%
38) trans-1,3-Dichloropropene-	7.67	79	8359	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.52%
39) 2-Hexanone-d5	8.14	63	6500	34.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24425	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	24917	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds					Ovalue
13) Acetone	2.19	43	2746	11.139 ug/L	93
16) Methylene chloride	2.53	84	2336	2.231 ug/L #	74

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

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