

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010257.D
 Acq On : 11 Apr 2019 22:52
 Operator : SY/MD
 Sample : K2278-11
 Misc : 4.93G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y2

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:29:36 AM

Quant Time: Apr 12 05:05:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	345797	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130438	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50435	12.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.68%
7) Chloroethane-d5	1.55	69	60827	17.78	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	2.11	63	100293	9.90	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.60%#
20) 2-Butanone-d5	3.92	46	48550m	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
24) Chloroform-d	4.39	84	144917	18.35	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.07	65	95234	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.68%
29) Benzene-d6	5.09	84	306056	20.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.44%
33) 1,2-Dichloropropane-d6	6.11	67	98680	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	7.36	98	279618	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.36%
38) trans-1,3-Dichloropropene-	7.66	79	32704	17.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.32%
39) 2-Hexanone-d5	8.13	63	31210	39.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	81876	20.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	101603	21.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.36%

Target Compounds					Qvalue
13) Acetone	2.18	43	3462	3.217 ug/L	84
16) Methylene chloride	2.52	84	11754	1.736 ug/L	93

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

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