

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011076.D
 Acq On : 28 May 2019 21:16
 Operator : SY/MD
 Sample : K3016-04RE
 Misc : 4.46G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C3RE

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 8:26:10 AM

Quant Time: May 29 03:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385659	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	332129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133720	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.16%
7) Chloroethane-d5	1.56	69	100932	26.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.00%
10) 1,1-Dichloroethene-d2	2.12	63	199186m	20.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.00%
20) 2-Butanone-d5	3.94	46	142907	78.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.84%#
24) Chloroform-d	4.40	84	267586	28.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.44%
26) 1,2-Dichloroethane-d4	5.08	65	175413	29.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.36%
29) Benzene-d6	5.09	84	560682	28.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.32%
33) 1,2-Dichloropropane-d6	6.12	67	189413	30.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.44%#
37) Toluene-d8	7.36	98	502576	28.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.16%
38) trans-1,3-Dichloropropene-	7.66	79	83483	28.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.84%
39) 2-Hexanone-d5	8.13	63	116963	86.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.54%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	169050	31.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.12%#
61) 1,2-Dichlorobenzene-d4	11.67	152	116416	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds					Ovalue
13) Acetone	2.19	43	88860	43.042 ug/L	98
15) Methyl Acetate	2.46	43	280551	94.149 ug/L #	100
21) 2-Butanone	4.04	43	9349m	3.677 ug/L	

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

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