

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053019\
 Data File : VV011165.D
 Acq On : 31 May 2019 06:37
 Operator : SY/MD
 Sample : K3017-12RE
 Misc : 3.52G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E5RE

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 9:40:24 AM

Quant Time: May 31 09:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 08:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	310554	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	82913	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94242	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	1.55	69	80144	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.24%
10) 1,1-Dichloroethene-d2	2.11	63	141746m	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	3.93	46	98912	64.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.82%
24) Chloroform-d	4.39	84	187290	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.07	65	125862	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	5.09	84	384455	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	6.11	67	128810	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.04%
37) Toluene-d8	7.36	98	332700	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.76%
38) trans-1,3-Dichloropropene-	7.66	79	49346	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.24%
39) 2-Hexanone-d5	8.13	63	70508	69.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.72%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	110955	27.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	76596	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds					Ovalue
13) Acetone	2.18	43	222294	124.424	ug/L 100
15) Methyl Acetate	2.45	43	146102	54.347	ug/L 96
21) 2-Butanone	4.03	43	13276	6.334	ug/L 78

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

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