

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011192.D
 Acq On : 31 May 2019 23:24
 Operator : SY/MD
 Sample : K3017-22
 Misc : 4.81G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F5

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 7:08:52 AM

Quant Time: Jun 02 21:16:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330962	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	295774	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86814	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	1.57	69	75526	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	2.12	63	143471m	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	3.94	46	79429	48.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.06%
24) Chloroform-d	4.40	84	189867	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.08	65	123193	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.48%
29) Benzene-d6	5.09	84	377316	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	6.12	67	127443	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	7.36	98	342434	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	49894	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.13	63	63576	54.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107574	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	91494	22.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.36%

Target Compounds					Ovalue
13) Acetone	2.19	43	147838	77.646	ug/L 100
15) Methyl Acetate	2.46	43	63112	22.029	ug/L 99
21) 2-Butanone	4.03	43	9398	4.207	ug/L 80

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

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