

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011086.D
 Acq On : 29 May 2019 03:35
 Operator : SY/MD
 Sample : K3016-15
 Misc : 5.46G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D2

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 3:43:42 PM

Quant Time: May 29 04:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 04:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	352782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	309775	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107086	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	1.56	69	84724	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	2.12	63	167270	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.36%
20) 2-Butanone-d5	3.94	46	118728	71.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.44%#
24) Chloroform-d	4.40	84	228928m	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	5.08	65	151654	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.92%
29) Benzene-d6	5.09	84	482584	26.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.44%
33) 1,2-Dichloropropane-d6	6.11	67	159343	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	7.36	98	418665	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	7.66	79	67585	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.56%
39) 2-Hexanone-d5	8.13	63	95121	75.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.32%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	148546	29.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	101361	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds					Ovalue
13) Acetone	2.19	43	97903	51.842 ug/L	99
15) Methyl Acetate	2.46	43	50914	18.678 ug/L #	100
21) 2-Butanone	4.04	43	9756	4.195 ug/L	96

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

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