

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011121.D
 Acq On : 29 May 2019 23:45
 Operator : SY/MD
 Sample : K3017-11
 Misc : 5.68G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E4

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:43:59 AM

Quant Time: May 30 05:34:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 04:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	325025	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	275835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94301	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102648	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.16%
7) Chloroethane-d5	1.56	69	81675	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
10) 1,1-Dichloroethene-d2	2.12	63	160058m	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.24%
20) 2-Butanone-d5	3.94	46	109122	71.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.10%#
24) Chloroform-d	4.40	84	209120	26.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	5.08	65	139697	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.88%
29) Benzene-d6	5.09	84	431035	26.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.76%
33) 1,2-Dichloropropane-d6	6.12	67	143408	27.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.64%
37) Toluene-d8	7.36	98	370632	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.60%
38) trans-1,3-Dichloropropene-	7.66	79	59308	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	8.13	63	83523	74.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.22%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126427	28.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	87273	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds					Ovalue
13) Acetone	2.19	43	100536	57.782	ug/L 100
15) Methyl Acetate	2.46	43	31176	12.414	ug/L # 100
21) 2-Butanone	4.04	43	7862	3.669	ug/L 91

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

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