

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011128.D
 Acq On : 30 May 2019 03:02
 Operator : SY/MD
 Sample : K3017-21
 Misc : 3.91G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F2

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:44:05 AM

Quant Time: May 31 11:35:51 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	176548	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55696	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
7) Chloroethane-d5	1.57	69	43780	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	2.12	63	86591	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.92%
20) 2-Butanone-d5	3.93	46	53027	63.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.12%
24) Chloroform-d	4.39	84	112104	26.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.72%
26) 1,2-Dichloroethane-d4	5.08	65	73997	27.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.12%
29) Benzene-d6	5.09	84	229792	29.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.72%
33) 1,2-Dichloropropane-d6	6.11	67	75571	30.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.76%#
37) Toluene-d8	7.36	98	185693	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	7.66	79	28020	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.48%
39) 2-Hexanone-d5	8.13	63	33162	62.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57318	27.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	32464	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

Target Compounds					Ovalue
13) Acetone	2.18	43	64356	68.095 ug/L	100
15) Methyl Acetate	2.45	43	53895	39.509 ug/L #	100
21) 2-Butanone	4.04	43	7568m	6.502 ug/L	

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

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