

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011075.D
 Acq On : 28 May 2019 20:48
 Operator : SY/MD
 Sample : K3016-03
 Misc : 5.84G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C2

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 3:43:20 PM

Quant Time: May 29 03:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	426033	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372731	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142106	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	1.57	69	107623	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
10) 1,1-Dichloroethene-d2	2.12	63	216769	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	3.94	46	129931	64.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.08%
24) Chloroform-d	4.40	84	290299	28.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.08	65	181466	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	5.09	84	614928	28.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.72%
33) 1,2-Dichloropropane-d6	6.12	67	201602	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	7.36	98	548150	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.00%
38) trans-1,3-Dichloropropene-	7.66	79	89210	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.32%
39) 2-Hexanone-d5	8.13	63	105283	69.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.20%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	169201	28.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	123601	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds					Ovalue
13) Acetone	2.19	43	66978	29.368 ug/L	99
15) Methyl Acetate	2.46	43	14127	4.292 ug/L #	100
21) 2-Butanone	4.03	43	8499m	3.026 ug/L	

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

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