

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009976.D
 Acq On : 28 Mar 2019 19:49
 Operator : SY/MD
 Sample : K2085-11RE
 Misc : 5.87G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF7T6RE

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:03 AM

Quant Time: Mar 29 05:31:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 02:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	52953	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	53771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27245	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	30206	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.12%
10) 1,1-Dichloroethene-d2	2.13	63	58283	19.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.32%
20) 2-Butanone-d5	3.93	46	13234m	66.09	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.18%
24) Chloroform-d	4.40	84	37821	28.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	5.08	65	26041	32.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.28%
29) Benzene-d6	5.10	84	76402	27.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.24%
33) 1,2-Dichloropropane-d6	6.12	67	24156	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	7.36	98	62406	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	7.66	79	7611	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.08%
39) 2-Hexanone-d5	8.13	63	7166	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	22890	27.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	19429	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds					Ovalue
13) Acetone	2.18	43	1636m	5.396 ug/L	
16) Methylene chloride	2.53	84	3823	4.384 ug/L	88

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

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