

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009975.D
 Acq On : 28 Mar 2019 19:23
 Operator : SY/MD
 Sample : K2085-10RE
 Misc : 6.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF7T5RE

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 05:31:07 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	69228	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27376	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	1.58	69	32579	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
10) 1,1-Dichloroethene-d2	2.13	63	62998	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	3.93	46	18243m	69.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.38%#
24) Chloroform-d	4.40	84	46496	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.09	65	34181	32.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.80%
29) Benzene-d6	5.10	84	92196	24.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.00%
33) 1,2-Dichloropropane-d6	6.12	67	30972	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	7.36	98	77580	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	7.67	79	10030	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	8.13	63	11263	54.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31256	28.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	29330	26.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.80%

Target Compounds					Ovalue
13) Acetone	2.19	43	2598	6.555 ug/L	97
16) Methylene chloride	2.54	84	9811	8.606 ug/L	99

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

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