

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009974.D
 Acq On : 28 Mar 2019 18:57
 Operator : SY/MD
 Sample : K2085-09
 Misc : 4.40G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF7T4

Quant Time: Mar 29 04:01:07 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	147202	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57904	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	1.57	69	70159	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
10) 1,1-Dichloroethene-d2	2.13	63	136085	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	3.93	46	28847	51.82	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
24) Chloroform-d	4.40	84	82855	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.08	65	59057	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.68%
29) Benzene-d6	5.10	84	184880	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	6.12	67	55944	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	7.36	98	162064	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.66	79	19007	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.92%
39) 2-Hexanone-d5	8.13	63	20164	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50583	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	56874	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds					Ovalue
13) Acetone	2.19	43	2494	2.959 ug/L	81
16) Methylene chloride	2.54	84	9052	3.734 ug/L	93

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

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