

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009981.D
 Acq On : 28 Mar 2019 23:12
 Operator : SY/MD
 Sample : K2122-01
 Misc : 5.59G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5B0

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:05 AM

Quant Time: Mar 29 05:32:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 04:20:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67535	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	110464	31.65	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.60%
10) 1,1-Dichloroethene-d2	2.13	63	145275	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	3.95	46	30733m	51.03	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.06%
24) Chloroform-d	4.40	84	105492	26.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	66226	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.48%
29) Benzene-d6	5.10	84	212230	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	6.12	67	65542	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	7.36	98	177145	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	7.67	79	21025	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	8.14	63	22747	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59239	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	61876	27.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.76%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	21258	8.105 ug/L	93

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

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