

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009168.D
 Acq On : 04 Jan 2019 20:05
 Operator : SY/MD
 Sample : K1050-04
 Misc : 6.84 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W1

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 12:00:14 AM

Quant Time: Jan 05 05:46:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	13883	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	12002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	3478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2770	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
7) Chloroethane-d5	1.59	69	3361	36.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	145.96%
10) 1,1-Dichloroethene-d2	2.13	63	5651	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	1334m	19.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.94%
24) Chloroform-d	4.41	84	6583	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.09	65	3829	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
29) Benzene-d6	5.11	84	14839	27.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.00%
33) 1,2-Dichloropropane-d6	6.12	67	4345	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.36%
37) Toluene-d8	7.36	98	13108	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	7.68	79	1445m	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	8.16	63	246m	6.80	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.60%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3614	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	2848	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%

Target Compounds					Ovalue
13) Acetone	2.20	43	2464	26.025 ug/L	94
16) Methylene chloride	2.54	84	1801	8.683 ug/L	91
44) Toluene	7.44	91	1243	1.787 ug/L	90

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

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