

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009960.D
 Acq On : 28 Mar 2019 12:11
 Operator : SY/MD
 Sample : VV0328SBL01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK77

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:00 AM

Quant Time: Mar 29 02:37:57 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	5.66	114	156485	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66300	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	1.57	69	69551	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
10) 1,1-Dichloroethene-d2	2.13	63	144776	16.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.68%
20) 2-Butanone-d5	3.93	46	27725	46.85	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.70%
24) Chloroform-d	4.40	84	83648m	20.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.92%
26) 1,2-Dichloroethane-d4	5.08	65	53442	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	5.10	84	176517	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	6.11	67	52412	22.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.92%
37) Toluene-d8	7.36	98	158269	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	7.66	79	18484	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.68%
39) 2-Hexanone-d5	8.13	63	19200	43.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47713	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	54485	21.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.96%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	12451	4.832 ug/L	98

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

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