

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
 Data File : VW004288.D
 Acq On : 27 Jul 2018 23:39
 Operator : SY/AP
 Sample : VW0729SBL02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK90

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 5:20:48 PM

Quant Time: Sep 07 17:27:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 09:34:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	173586	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	79452	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.88	69	56368	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	4.01	63	138300m	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	7.08	46	94337	42.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.42%
24) Chloroform-d	7.65	84	240961	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.31	65	149009	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.88%
29) Benzene-d6	8.27	84	472642	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.27	67	161254	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.33	98	443640	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	67343	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.12%
39) 2-Hexanone-d5	10.93	63	71263	40.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.44%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	153642	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	167385	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds					Qvalue
16) Methylene chloride	4.90	84	10174m	1.872	ug/L

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

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