

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
 Data File : VW009801.D
 Acq On : 07 Apr 2019 11:13
 Operator : SY/VA
 Sample : K2168-18
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF675

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:29 AM

Quant Time: Apr 17 04:08:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 00:51:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40348	10.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.76%
7) Chloroethane-d5	2.89	69	59868	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	4.01	63	90374	11.13	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.52%#
20) 2-Butanone-d5	7.07	46	72389	59.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.10%
24) Chloroform-d	7.64	84	224068	28.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.84%
26) 1,2-Dichloroethane-d4	8.30	65	155834	32.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.96%
29) Benzene-d6	8.27	84	372011	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.27	67	140866	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.56%
37) Toluene-d8	10.32	98	314749	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.57	79	51456	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	10.93	63	44145	47.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109934	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	110579	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%

Target Compounds

					Ovalue
13) Acetone	4.12	43	18369	13.986	ug/L 99
14) Carbon disulfide	4.39	76	8114m	0.681	ug/L
16) Methylene chloride	4.90	84	11569m	2.274	ug/L
21) 2-Butanone	7.18	43	3373	2.019	ug/L 92
54) m,p-Xylene	11.83	106	13463	1.653	ug/L 98
55) o-xylene	12.16	106	7530	0.971	ug/L 98

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

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