

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011285.D
 Acq On : 16 Jul 2019 14:51
 Operator : SY/VA
 Sample : K3798-10
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H7

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 8:05:14 AM

Quant Time: Jul 17 08:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	43313	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	38407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11322	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.48%
7) Chloroethane-d5	2.88	69	10040m	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	4.01	63	21805	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	14754	56.63	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.26%
24) Chloroform-d	7.65	84	29961	25.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	8.31	65	20470	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.00%
29) Benzene-d6	8.27	84	56629	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	20833	27.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.16%
37) Toluene-d8	10.32	98	44321	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	7281	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	10918	61.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21007	32.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	11814	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	8792	34.551 ug/L	98
14) Carbon disulfide	4.38	76	2006	1.232 ug/L #	88
15) Methyl Acetate	4.68	43	1806m	4.362 ug/L	

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

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