

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011292.D
 Acq On : 16 Jul 2019 18:00
 Operator : SY/VA
 Sample : K3798-15
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F9

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 8:05:17 AM

Quant Time: Jul 17 08:50:10 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	332455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69914	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
7) Chloroethane-d5	2.88	69	58938	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
10) 1,1-Dichloroethene-d2	4.01	63	133049	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.07	46	113969	56.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.98%
24) Chloroform-d	7.65	84	193486	21.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	8.31	65	129816m	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.27	84	376997	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	134971	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	313121	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	51513	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	76402	58.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124434	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	92230	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	27482	14.070	ug/L 96
14) Carbon disulfide	4.38	76	320417	25.638	ug/L 99
15) Methyl Acetate	4.67	43	22022	6.929	ug/L 99
21) 2-Butanone	7.18	43	3581	1.420	ug/L 89
22) cis-1,2-Dichloroethene	7.17	96	92972	19.455	ug/L 97

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

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