

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011430.D
 Acq On : 22 Jul 2019 19:57
 Operator : SY/VA
 Sample : K3863-08RE
 Misc : 3.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H2RE

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 4:14:39 PM

Quant Time: Jul 23 05:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313762	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	235934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125711	30.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.04%
7) Chloroethane-d5	2.89	69	87917	28.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.24%
10) 1,1-Dichloroethene-d2	4.01	63	198567	20.92	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	7.07	46	136326	76.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.86%#
24) Chloroform-d	7.65	84	223758	27.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	8.31	65	151461m	31.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.80%
29) Benzene-d6	8.27	84	459695	32.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.32%
33) 1,2-Dichloropropane-d6	9.27	67	156036	34.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.52%#
37) Toluene-d8	10.32	98	359888	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.84%
38) trans-1,3-Dichloropropene-	10.58	79	62831	31.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	127.24%
39) 2-Hexanone-d5	10.93	63	95422	96.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123564	33.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	67528	26.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
13) Acetone	4.12	43	73646	39.027 ug/L	99
14) Carbon disulfide	4.39	76	12659	0.937 ug/L	99
15) Methyl Acetate	4.67	43	19724	6.807 ug/L #	84
21) 2-Butanone	7.18	43	15241	6.285 ug/L	82
22) cis-1,2-Dichloroethene	7.17	96	3874	0.851 ug/L	92

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

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