

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011385.D
 Acq On : 19 Jul 2019 18:29
 Operator : SY/VA
 Sample : K3863-16
 Misc : 4.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G5

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 12:49:04 AM

Quant Time: Jul 20 02:14:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 00:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	267741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41144	10.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.24%
7) Chloroethane-d5	2.89	69	55626	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.01	63	104052	12.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.08%
20) 2-Butanone-d5	7.07	46	122165	75.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.72%#
24) Chloroform-d	7.65	84	168571	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.30	65	113603m	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
29) Benzene-d6	8.27	84	318553	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	9.27	67	116883	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	248918	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.58	79	44702	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.92	63	79268	81.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.62%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	109052	31.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	65174	22.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	65987	41.950 ug/L	99
15) Methyl Acetate	4.67	43	22166	8.660 ug/L	99
21) 2-Butanone	7.18	43	12560	6.185 ug/L	98
35) Trichloroethene	9.09	95	2228	0.667 ug/L	97
44) Toluene	10.39	91	46532	3.394 ug/L	100

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

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