

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011324.D
 Acq On : 17 Jul 2019 23:39
 Operator : SY/VA
 Sample : K3863-05
 Misc : 2.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G1

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:51 AM

Quant Time: Jul 18 07:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	232595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	182923	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59587	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	52804	14.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.48%
7) Chloroethane-d5	2.89	69	44908	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
10) 1,1-Dichloroethene-d2	4.01	63	100842	13.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.64%
20) 2-Butanone-d5	7.07	46	107564	76.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.76%#
24) Chloroform-d	7.65	84	142743	22.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	8.31	65	97763	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	270924	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.27	67	99856	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.84%
37) Toluene-d8	10.32	98	210920	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.57	79	35689	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	10.92	63	70068	83.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97343	32.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	50781	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds

					Ovalue
5) Vinyl chloride	2.35	62	31328	7.728	ug/L 93
13) Acetone	4.12	43	45593	33.364	ug/L 99
14) Carbon disulfide	4.38	76	26522	3.033	ug/L 99
15) Methyl Acetate	4.66	43	13248m	5.958	ug/L
18) trans-1,2-Dichloroethene	5.42	96	13283	4.300	ug/L 91
22) cis-1,2-Dichloroethene	7.17	96	1873611	560.390	ug/L 99
35) Trichloroethene	9.09	95	125201	43.397	ug/L 99

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

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