

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011327.D
 Acq On : 18 Jul 2019 01:00
 Operator : SY/VA
 Sample : K3863-09
 Misc : 4.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52J0

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:55 AM

Quant Time: Jul 18 07:44:53 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	230250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47160	13.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.64%
7) Chloroethane-d5	2.88	69	51412	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	98724	13.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.04%
20) 2-Butanone-d5	7.07	46	98390	71.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.08%#
24) Chloroform-d	7.65	84	146998	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.31	65	100088m	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.00%
29) Benzene-d6	8.27	84	276826	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
33) 1,2-Dichloropropane-d6	9.27	67	102335	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.56%#
37) Toluene-d8	10.32	98	205876	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.57	79	34880	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.64%
39) 2-Hexanone-d5	10.92	63	60805	78.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86130	30.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	42528	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	114021	28.414	ug/L #	20
13) Acetone	4.12	43	38238	28.267	ug/L	96
14) Carbon disulfide	4.38	76	18897m	2.183	ug/L	
15) Methyl Acetate	4.67	43	13084	5.944	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	38196	12.492	ug/L	98
19) 1,1-Dichloroethane	6.21	63	3769	0.607	ug/L #	94
22) cis-1,2-Dichloroethene	7.17	96	1652341	499.242	ug/L	99
35) Trichloroethene	9.09	95	2864	1.073	ug/L #	88
44) Toluene	10.39	91	26667	2.436	ug/L	100

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

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