

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011322.D
 Acq On : 17 Jul 2019 22:45
 Operator : SY/VA
 Sample : K3863-03
 Misc : 7.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F8

Quant Time: Jul 18 07:23:26 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	333392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139056	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	57349	11.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.04%
7) Chloroethane-d5	2.88	69	51350	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
10) 1,1-Dichloroethene-d2	4.01	63	144108	13.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	7.08	46	138653	69.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.28%#
24) Chloroform-d	7.65	84	173656	19.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	8.30	65	121894	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.27	84	337132	17.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.20%
33) 1,2-Dichloropropane-d6	9.27	67	125981	20.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.72%
37) Toluene-d8	10.32	98	289864	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.72%
38) trans-1,3-Dichloropropene-	10.58	79	49058	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.92	63	90282	63.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141506	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	106750	20.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	19413	3.341	ug/L	90
12) 1,1-Dichloroethene	4.03	96	44682	10.198	ug/L	87
13) Acetone	4.12	43	30236	15.437	ug/L	98
14) Carbon disulfide	4.37	76	112627	8.987	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	9333	2.108	ug/L	99
19) 1,1-Dichloroethane	6.21	63	7954	0.885	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	11363111	2371.118	ug/L	97
35) Trichloroethene	9.09	95	71404	14.728	ug/L	95

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

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