

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011424.D
 Acq On : 22 Jul 2019 17:17
 Operator : SY/VA
 Sample : K3922-02MS
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MS

Quant Time: Jul 23 05:19:15 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	390118	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148576	28.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.12%
7) Chloroethane-d5	2.89	69	115074	30.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.32%
10) 1,1-Dichloroethene-d2	4.03	63	311844	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.72%
20) 2-Butanone-d5	7.07	46	129034	58.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.36%
24) Chloroform-d	7.65	84	265504	26.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	8.31	65	169040	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.84%
29) Benzene-d6	8.27	84	559918	33.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.24%
33) 1,2-Dichloropropane-d6	9.27	67	183958	33.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.08%#
37) Toluene-d8	10.32	98	434505	28.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.36%
38) trans-1,3-Dichloropropene-	10.58	79	72764	30.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	123.68%
39) 2-Hexanone-d5	10.93	63	92227	78.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120135	27.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	76359	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	111258	21.471	ug/L #	82
13) Acetone	4.12	43	56262	23.979	ug/L	97
15) Methyl Acetate	4.68	43	10187	2.828	ug/L #	70
21) 2-Butanone	7.18	43	8844	2.933	ug/L	98
34) Benzene	8.32	78	496013	27.184	ug/L	100
35) Trichloroethene	9.09	95	111535	24.051	ug/L	99
44) Toluene	10.39	91	518340	27.696	ug/L	99
52) Chlorobenzene	11.66	112	235813	20.894	ug/L	100

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

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