

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102919\
 Data File : VW013807.D
 Acq On : 29 Oct 2019 22:09
 Operator : SY/VA
 Sample : K5549-22MSD
 Misc : 2.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ73MSD

Quant Time: Oct 30 07:29:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90609	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
7) Chloroethane-d5	2.89	69	72907	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.03	63	190419	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.88%
20) 2-Butanone-d5	7.07	46	83375	63.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.92%
24) Chloroform-d	7.65	84	191625	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	109784	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	411533	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	123270	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	373938	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	53973	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.92	63	69184	70.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120864	28.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	133203	24.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	106232	22.327	ug/L	93
13) Acetone	4.12	43	6524	4.474	ug/L	97
15) Methyl Acetate	4.67	43	12064	5.064	ug/L #	83
34) Benzene	8.32	78	477649	23.137	ug/L	100
35) Trichloroethene	9.09	95	121049	22.853	ug/L	99
44) Toluene	10.38	91	515243	23.230	ug/L	97
52) Chlorobenzene	11.66	112	323771	22.814	ug/L	98

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

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