

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014642.D
 Acq On : 14 Jan 2020 19:19
 Operator : SY/VA
 Sample : L1109-03MSD
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG2MSD

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 1:51:09 PM

Quant Time: Jan 16 00:49:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 15:42:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1099072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	968436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	431886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	349055	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
7) Chloroethane-d5	2.88	69	269165	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
10) 1,1-Dichloroethene-d2	4.03	63	646353	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.24%
20) 2-Butanone-d5	7.07	46	148726	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
24) Chloroform-d	7.65	84	586716	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.30	65	298739	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	8.27	84	1279755	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.27	67	388098	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.32	98	1150904	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.57	79	143263	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	10.92	63	115394	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	263915	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	362728	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	305940m	21.755	ug/L	
13) Acetone	4.12	43	23816	4.666	ug/L	100
16) Methylene chloride	4.91	84	30282	1.690	ug/L	99
34) Benzene	8.32	78	1335871	22.922	ug/L	100
35) Trichloroethene	9.09	95	335206	22.286	ug/L	99
44) Toluene	10.38	91	1388388	22.797	ug/L	98
52) Chlorobenzene	11.66	112	836985	21.740	ug/L	96

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

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