

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014656.D
 Acq On : 15 Jan 2020 17:30
 Operator : SY/VA
 Sample : L1118-07MSD
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASJ8MSD

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 4:42:12 PM

Quant Time: Jan 16 04:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 01:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1453800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1249766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	570627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	360806	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
7) Chloroethane-d5	2.89	69	287492	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
10) 1,1-Dichloroethene-d2	4.02	63	702012	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.92%
20) 2-Butanone-d5	7.07	46	166699	34.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.36%
24) Chloroform-d	7.65	84	640594	19.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	8.30	65	324112	18.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.68%
29) Benzene-d6	8.27	84	1430657	21.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.12%
33) 1,2-Dichloropropane-d6	9.27	67	428205	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.72%
37) Toluene-d8	10.32	98	1289763	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.57	79	161885	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.92	63	129388	37.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	286009	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	407561	21.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.72%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.04	96	351851	18.915 ug/L	91
13) Acetone	4.11	43	23002m	3.407 ug/L	
34) Benzene	8.32	78	1552588	20.643 ug/L	100
35) Trichloroethene	9.09	95	394912	20.345 ug/L	98
44) Toluene	10.38	91	1628114	20.715 ug/L	98
52) Chlorobenzene	11.66	112	1002041	20.169 ug/L	96

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

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