

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015978.D
 Acq On : 28 Jul 2020 12:54
 Operator : SY/VA
 Sample : L3458-04
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY32

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:19:13 PM

Quant Time: Jul 29 05:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	411950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157324	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111004	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.90	69	90072	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
10) 1,1-Dichloroethene-d2	4.01	63	169626	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.08	46	86374	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
24) Chloroform-d	7.65	84	228935	19.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.16%
26) 1,2-Dichloroethane-d4	8.31	65	135639	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	8.28	84	461908	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	147267	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.33	98	400124	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.56%
38) trans-1,3-Dichloropropene-	10.58	79	61855	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.00%
39) 2-Hexanone-d5	10.93	63	67799	59.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136158	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	137033	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%

Target Compounds

					Ovalue
13) Acetone	4.13	43	10771	8.400 ug/L	96
15) Methyl Acetate	4.69	43	2119m	0.876 ug/L	
34) Benzene	8.32	78	11890	0.523 ug/L	100
36) Methylcyclohexane	9.34	83	6014	0.583 ug/L #	81
44) Toluene	10.39	91	27490	1.153 ug/L	94
53) Ethylbenzene	11.73	91	11493	0.429 ug/L	98
54) m,p-Xylene	11.83	106	5673	0.566 ug/L	95

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

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