

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014866.D
 Acq On : 04 Feb 2020 18:24
 Operator : SY/VA
 Sample : L1324-08
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT65

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:22 PM

Quant Time: Feb 05 04:48:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 03:41:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1195361	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1008891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	384945m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	400651	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	375748	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.02	63	606749m	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.07	46	295259	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.65	84	841644	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	480623	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	8.27	84	1751586	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.27	67	577107	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	10.32	98	1457873	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.57	79	206130	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.36%
39) 2-Hexanone-d5	10.92	63	232620	50.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	393750	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	391182	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	72950	9.586	ug/L 99
16) Methylene chloride	4.92	84	40695	1.844	ug/L 92
21) 2-Butanone	7.17	43	26267	3.216	ug/L 92
34) Benzene	8.32	78	603308	8.540	ug/L 100
44) Toluene	10.38	91	1451355	20.534	ug/L 99
53) Ethylbenzene	11.73	91	4320333	56.413	ug/L 100
54) m,p-Xylene	11.84	106	1650067	58.878	ug/L 98
55) o-xylene	12.16	106	2669615	102.249	ug/L 96
57) Isopropylbenzene	12.46	105	431026	6.105	ug/L 100

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

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