

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015932.D
 Acq On : 23 Jul 2020 19:25
 Operator : SY/VA
 Sample : L3395-04
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY14

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 8:11:00 AM

Quant Time: Jul 24 10:54:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	414568	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167883	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123084	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
7) Chloroethane-d5	2.90	69	96788	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.01	63	180098m	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.92%
20) 2-Butanone-d5	7.09	46	80636	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
24) Chloroform-d	7.65	84	234717	20.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	8.31	65	133399	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.48%
29) Benzene-d6	8.28	84	466021	19.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.60%
33) 1,2-Dichloropropane-d6	9.28	67	161041	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	10.32	98	415550	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.58	79	65718	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	10.93	63	70697	60.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.98%
48) 1,1,2,2-Tetrachloroethane-	12.71	84	321169m	59.52	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	238.08%#
61) 1,2-Dichlorobenzene-d4	13.86	152	145124	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds					Qvalue
14) Carbon disulfide	4.38	76	34892	2.073 ug/L	100
44) Toluene	10.39	91	7670	0.313 ug/L	88

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

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