

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015934.D
 Acq On : 23 Jul 2020 20:12
 Operator : SY/VA
 Sample : L3395-05
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY15

Quant Time: Jul 31 13:45:21 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	412957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120585	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130822	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	102244	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	186584	15.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.36%
20) 2-Butanone-d5	7.08	46	73038	47.72	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.44%
24) Chloroform-d	7.65	84	261712	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	8.31	65	123036	19.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.28%
29) Benzene-d6	8.28	84	489159	22.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.88%
33) 1,2-Dichloropropane-d6	9.29	67	267487	41.45	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.80%#
37) Toluene-d8	10.33	98	538044	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.36%
38) trans-1,3-Dichloropropene-	10.58	79	68257	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.93	63	69091	64.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	166101	33.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	106638	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.38	76	4909	0.293	ug/L	100
36) Methvlcvclohexane	9.34	83	3603430	369.578	ug/L #	72
44) Toluene	10.39	91	20408	0.906	ug/L	86
53) Ethylbenzene	11.74	91	1971770	77.833	ug/L	97
54) m,p-Xylene	11.85	106	1004398	105.971	ug/L	95
57) Isopropylbenzene	12.47	105	2135099	87.882	ug/L	98

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

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