

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015922.D
 Acq On : 23 Jul 2020 15:29
 Operator : SY/VA
 Sample : L3395-01
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY13

Quant Time: Jul 24 07:33:09 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	481755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148730	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	2.89	69	116883	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	220881	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.10	46	85144	47.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.36%
24) Chloroform-d	7.65	84	275713	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	158737	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.48%
29) Benzene-d6	8.27	84	549663	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.28	67	168942	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.33	98	462217	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.59	79	65094	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	61675	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120288	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	78306	20.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.12%

Target Compounds

					Qvalue
13) Acetone	4.18	43	103265	68.862 ug/L	97
14) Carbon disulfide	4.37	76	16489	0.843 ug/L	97
21) 2-Butanone	7.20	43	13897	7.494 ug/L	96
34) Benzene	8.32	78	16718	0.743 ug/L	100
44) Toluene	10.39	91	27248	1.155 ug/L	98
53) Ethylbenzene	11.73	91	10063	0.379 ug/L	99

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

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