

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003608.D
 Acq On : 24 Nov 2020 16:19
 Operator : SY/MD
 Sample : L4860-02
 Misc : 5.15G/10ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	180563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	152675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	54819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	60176	30.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.96%
7) Chloroethane-d5	2.77	69	47637	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.20%
10) 1,1-Dichloroethene-d2	3.85	63	97009	19.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.88%
20) 2-Butanone-d5	6.90	46	25590	25.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.00%
24) Chloroform-d	7.49	84	122106	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.15	65	61114	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.11	84	253411	28.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.96%
33) 1,2-Dichloropropane-d6	9.13	67	74569	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.18	98	216834	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.84%
38) trans-1,3-Dichloropropene-	10.44	79	28180	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.79	63	17174	25.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.64%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	39454	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.44%
61) 1,2-Dichlorobenzene-d4	13.72	152	46237	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds				Ovalue
16) Methylene chloride	4.72	84	5253m	1.697 ug/L

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

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