

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003606.D
 Acq On : 24 Nov 2020 15:36
 Operator : SY/MD
 Sample : L4860-11
 Misc : 5.36G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0BC8

Quant Time: Nov 25 06:34:55 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	69785	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	65708	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	27394	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	25658	33.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.44%
7) Chloroethane-d5	2.77	69	20764	29.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.40%
10) 1,1-Dichloroethene-d2	3.86	63	39802	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.72%
20) 2-Butanone-d5	6.90	46	14078	36.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.60%
24) Chloroform-d	7.49	84	47879	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.14	65	24565	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.84%
29) Benzene-d6	8.12	84	96891	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	9.13	67	27515	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.18	98	77300	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.44	79	12631	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.79	63	8118	27.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.62%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	20216	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.72	152	23132	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	5194	4.341 ug/L	92

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

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