

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003598.D
 Acq On : 24 Nov 2020 12:43
 Operator : SY/MD
 Sample : L4860-04
 Misc : 5.41G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0B19

Quant Time: Nov 25 06:15:25 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	8.70	114	65549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	58607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	19916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	22851	31.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.52%
7) Chloroethane-d5	2.77	69	18264	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
10) 1,1-Dichloroethene-d2	3.86	63	34106	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.40%
20) 2-Butanone-d5	6.91	46	11651	31.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.96%
24) Chloroform-d	7.49	84	41365	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.15	65	22688	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.12	84	84985	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.13	67	24220	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.76%
37) Toluene-d8	10.18	98	64650	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.44	79	10457	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	10.79	63	6596	25.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.68%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	15461	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.92%
61) 1,2-Dichlorobenzene-d4	13.72	152	15094	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	4486	3.992 ug/L	91

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

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