

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003605.D
 Acq On : 24 Nov 2020 15:15
 Operator : SY/MD
 Sample : L4860-09RE
 Misc : 4.55G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:32:16 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	29601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	29149	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	12127	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	11581	35.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.00%
7) Chloroethane-d5	2.77	69	10117	33.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.68%
10) 1,1-Dichloroethene-d2	3.86	63	17242	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.52%
20) 2-Butanone-d5	6.91	46	8131m	49.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.86%
24) Chloroform-d	7.49	84	22241	29.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.24%
26) 1,2-Dichloroethane-d4	8.15	65	12773	30.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.16%
29) Benzene-d6	8.13	84	41782	24.60	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.13	67	11819	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.19	98	31486	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.44	79	5904	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.04%
39) 2-Hexanone-d5	10.79	63	3968	30.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.30%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	11146	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	10708	27.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.44%

Target Compounds				Ovalue
16) Methylene chloride	4.74	84	2589m	5.102 ug/L

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

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