

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003603.D
 Acq On : 24 Nov 2020 14:32
 Operator : SY/MD
 Sample : L4860-17
 Misc : 3.55G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0BE3

Quant Time: Nov 25 22:32:10 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	8.71	114	2055	25.00	ug/L	0.02
28) Chlorobenzene-d5	11.51	117	5405	25.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	13.42	152	1322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.26	65	2976	131.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	525.60%#
7) Chloroethane-d5	2.79	69	2452	116.68	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	466.72%#
10) 1,1-Dichloroethene-d2	3.89	63	3411	60.92	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	243.68%#
20) 2-Butanone-d5	6.93	46	285	24.96	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.92%
24) Chloroform-d	7.51	84	246	4.71	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	18.84%#
26) 1,2-Dichloroethane-d4	8.16	65	871	29.75	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.00%
29) Benzene-d6	8.13	84	2700	8.57	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	34.28%
33) 1,2-Dichloropropane-d6	9.14	67	710	7.69	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	30.76%#
37) Toluene-d8	10.19	98	2234	7.92	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	31.68%
38) trans-1,3-Dichloropropene-	10.45	79	879	19.08	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	10.78	63	23	0.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.92%#
48) 1,1,2,2-Tetrachloroethane-	12.57	84	1774	22.05	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	1550	36.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	145.28%#

Target Compounds					Ovalue
64) 1,4-Dichlorobenzene	13.44	146	100	1.164 ug/L	# 27

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

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