

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003614.D
 Acq On : 24 Nov 2020 18:27
 Operator : SY/MD
 Sample : L4861-05
 Misc : 4.53G/10ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0B27

Quant Time: Nov 25 06:56:28 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	156328	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	126566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	38535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	57279	33.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.00%
7) Chloroethane-d5	2.77	69	46165	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.52%
10) 1,1-Dichloroethene-d2	3.86	63	89547	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.08%
20) 2-Butanone-d5	6.91	46	34613	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
24) Chloroform-d	7.49	84	116699	29.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.48%
26) 1,2-Dichloroethane-d4	8.14	65	62883	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.11	84	232251	31.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.00%
33) 1,2-Dichloropropane-d6	9.13	67	71936	33.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.08%#
37) Toluene-d8	10.18	98	191687	29.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.08%
38) trans-1,3-Dichloropropene-	10.44	79	26857	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.56%
39) 2-Hexanone-d5	10.79	63	21050	37.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.88%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	45126	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	35705	28.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.84%

Target Compounds					Ovalue
16) Methylene chloride	4.71	84	5595	2.088 ug/L	88

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

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