

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003821.D
 Acq On : 18 Dec 2020 16:45
 Operator : SY/MD
 Sample : L5151-06
 Misc : 2.96G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE8

Quant Time: Dec 19 01:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	295755	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	242092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	80338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	67204	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	2.77	69	54152	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	3.86	63	97833	11.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.16%
20) 2-Butanone-d5	6.90	46	26080	14.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.66%
24) Chloroform-d	7.49	84	129492	16.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.44%
26) 1,2-Dichloroethane-d4	8.15	65	62840	14.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	57.88%#
29) Benzene-d6	8.12	84	284672	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	9.12	67	82564	18.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.68%
37) Toluene-d8	10.18	98	252395	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.60%
38) trans-1,3-Dichloropropene-	10.44	79	31649	14.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.52%
39) 2-Hexanone-d5	10.79	63	22234	18.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.96%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	48826	12.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	51.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	56257	19.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.00%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	15691	2.955 ug/L	90

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

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