

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
 Data File : VY003862.D
 Acq On : 30 Dec 2020 12:35
 Operator : SY/MD
 Sample : VY1230SBL02
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 03:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 31 03:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	381067	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	366986	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	193824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	115665	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.76%
7) Chloroethane-d5	2.77	69	103894	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	3.86	63	161043	14.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.88%
21) 2-Butanone-d5	6.90	46	123426	50.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.68%
24) Chloroform-d	7.48	84	235511	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.14	65	150597	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
32) Benzene-d6	8.11	84	440352	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
36) 1,2-Dichloropropane-d6	9.12	67	142518	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.72%
41) Toluene-d8	10.18	98	397271	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.28%
43) trans-1,3-Dichloropropene-	10.43	79	73081	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
47) 2-Hexanone-d5	10.79	63	91876	49.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.46%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	144583	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
66) 1,2-Dichlorobenzene-d4	13.72	152	172323	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	12501	2.045 ug/L	94

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

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