

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
 Data File : VY003861.D
 Acq On : 30 Dec 2020 12:12
 Operator : SY/MD
 Sample : VY1230SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 03:30:09 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	336584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	319510	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	170881	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	99041	17.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.60%
7) Chloroethane-d5	2.77	69	87204	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	3.86	63	130706	13.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.20%
21) 2-Butanone-d5	6.89	46	101915	47.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.12%
24) Chloroform-d	7.48	84	190287	20.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.88%
26) 1,2-Dichloroethane-d4	8.14	65	127332	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	8.11	84	358855	20.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	9.12	67	114552	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	10.18	98	325808	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
43) trans-1,3-Dichloropropene-	10.43	79	59619	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.68%
47) 2-Hexanone-d5	10.78	63	74627	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	114270	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
66) 1,2-Dichlorobenzene-d4	13.71	152	137686	22.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.20%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	11480	2.127 ug/L	94

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

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