

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003737.D
 Acq On : 11 Dec 2020 19:06
 Operator : SY/MD
 Sample : VIBLK04
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK04

Quant Time: Dec 12 04:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	349919	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	324808	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	166474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	95154	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.77	69	78904	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
10) 1,1-Dichloroethene-d2	3.86	63	168616	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	6.90	46	56357	31.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.90%
24) Chloroform-d	7.49	84	209335	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.15	65	114539	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.12	84	434873	23.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.52%
33) 1,2-Dichloropropane-d6	9.12	67	133816	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	10.18	98	401356	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.44	79	64230	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.79	63	48304	34.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.30%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	103160	20.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.24%
61) 1,2-Dichlorobenzene-d4	13.72	152	141358	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	8698	1.416 ug/L	95

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

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