

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121920\
 Data File : VY003827.D
 Acq On : 19 Dec 2020 12:33
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

Quant Time: Dec 21 02:46:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 02:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	231770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	214286	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	105626	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	75483	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	2.77	69	58403	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
10) 1,1-Dichloroethene-d2	3.86	63	100431	15.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.44%
20) 2-Butanone-d5	6.90	46	46951	34.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.12%
24) Chloroform-d	7.49	84	128061	21.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.12%
26) 1,2-Dichloroethane-d4	8.15	65	70797	20.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.20%
29) Benzene-d6	8.12	84	284650	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.12	67	81653	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.56%
37) Toluene-d8	10.18	98	262934	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.44	79	38463	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.79	63	39331	36.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.86%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	69276	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	95393	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	4761	1.144 ug/L	89

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

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