

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003725.D
 Acq On : 10 Dec 2020 18:47
 Operator : SY/MD
 Sample : L4979-25
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK02

Quant Time: Dec 11 01:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	193672	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	189637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	89941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	61142	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
7) Chloroethane-d5	2.77	69	50706	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	3.86	63	89562	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	6.91	46	39340	40.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.58%
24) Chloroform-d	7.49	84	119235	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.15	65	69632	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.12	84	257910	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.12	67	76405	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.18	98	234945	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.43	79	36957	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.79	63	33460	41.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.22%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	71020	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.72	152	89933	27.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.08%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	4649	1.367 ug/L	99

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

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