

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003736.D
 Acq On : 11 Dec 2020 18:43
 Operator : SY/MD
 Sample : L5063-06
 Misc : 4.62G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:13:24 AM

Quant Time: Dec 12 04:53:17 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	8.69	114	290902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	186322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	45362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	68467	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
7) Chloroethane-d5	2.77	69	64523	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
10) 1,1-Dichloroethene-d2	3.86	63	117872	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	6.90	46	73509	50.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.24%
24) Chloroform-d	7.49	84	171872	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.15	65	95884	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.04%
29) Benzene-d6	8.12	84	345363	32.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.08%
33) 1,2-Dichloropropane-d6	9.12	67	113624	35.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.40%#
37) Toluene-d8	10.18	98	258373	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.88%
38) trans-1,3-Dichloropropene-	10.44	79	38247	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.79	63	53830	67.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.62%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78344	27.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	42480	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds				Ovalue
13) Acetone	3.97	43	3935m	3.660 ug/L
16) Methylene chloride	4.73	84	3904m	0.764 ug/L

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

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