

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003740.D
 Acq On : 11 Dec 2020 20:14
 Operator : SY/MD
 Sample : L5063-08
 Misc : 4.71G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE0

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:13:29 AM

Quant Time: Dec 12 05:15:23 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	290091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	191591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	45796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	75014	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.16%
7) Chloroethane-d5	2.77	69	69931	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	3.86	63	131546	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	6.90	46	85002	58.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.24%
24) Chloroform-d	7.49	84	184156	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	8.15	65	109991	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.12	84	362398	32.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.68%
33) 1,2-Dichloropropane-d6	9.12	67	115339	35.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.56%#
37) Toluene-d8	10.18	98	265648	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.88%
38) trans-1,3-Dichloropropene-	10.44	79	50249	32.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.12%
39) 2-Hexanone-d5	10.79	63	60797	73.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.86%#
48) 1,1,2,2-Tetrachloroethane-	12.56	84	80240	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	41245	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

					Ovalue	
13) Acetone	3.97	43	6666m	6.218	ug/L	
16) Methylene chloride	4.73	84	6926	1.360	ug/L	92
44) Toluene	10.25	91	7761	0.671	ug/L	91
54) m,p-Xylene	11.70	106	1649	0.339	ug/L	84
55) o-xylene	12.03	106	865	0.185	ug/L	100

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

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