

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003697.D
 Acq On : 09 Dec 2020 13:54
 Operator : SY/MD
 Sample : L4980-01
 Misc : 6.08G/10ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E6

Quant Time: Dec 10 03:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	220558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	210366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	95360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	58536	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
7) Chloroethane-d5	2.77	69	49647	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	3.86	63	91943	15.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.64%
20) 2-Butanone-d5	6.90	46	43085	38.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.50%
24) Chloroform-d	7.49	84	125557	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.15	65	69048	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.12	84	273283	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.12	67	81487	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.44%
37) Toluene-d8	10.18	98	250983	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.44	79	37666	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.48%
39) 2-Hexanone-d5	10.79	63	36596	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	66694	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	85622	24.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.84%

Target Compounds

					Ovalue
13) Acetone	3.96	43	8038	9.861 ug/L	98
16) Methylene chloride	4.73	84	7373	1.904 ug/L	86
21) 2-Butanone	6.99	43	1554	1.080 ug/L	75
44) Toluene	10.25	91	2442	0.192 ug/L	93

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

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