

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003734.D
 Acq On : 11 Dec 2020 17:58
 Operator : SY/MD
 Sample : L5063-05
 Misc : 4.57G/10ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD7

Quant Time: Dec 12 04:41:09 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	282609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	190106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	50892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	68015	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.08%
7) Chloroethane-d5	2.77	69	64562	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	3.86	63	117957	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	6.90	46	74095	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
24) Chloroform-d	7.49	84	174605	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.15	65	97472	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.12	84	361433	32.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.36%
33) 1,2-Dichloropropane-d6	9.12	67	117275	36.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.04%#
37) Toluene-d8	10.18	98	277199	28.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.40%
38) trans-1,3-Dichloropropene-	10.44	79	38094	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.79	63	56406	69.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.26%#
48) 1,1,2,2-Tetrachloroethane-	12.56	84	82535	28.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	51064	27.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.48%

Target Compounds

					Ovalue
13) Acetone	3.97	43	4374	4.188 ug/L	94
16) Methylene chloride	4.73	84	5164	1.041 ug/L	98
35) Trichloroethene	8.94	95	803	0.269 ug/L #	75
44) Toluene	10.25	91	6500	0.567 ug/L	93
47) Tetrachloroethene	10.72	164	692	0.298 ug/L #	76
54) m,p-Xylene	11.70	106	1315	0.272 ug/L	88
57) Isopropylbenzene	12.33	105	1969	0.163 ug/L #	77

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

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