

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003816.D
 Acq On : 18 Dec 2020 14:13
 Operator : SY/MD
 Sample : L5151-01
 Misc : 4.97G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE5

Quant Time: Dec 19 00:49:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	310103	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	270895	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	108406	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	81992	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	2.78	69	64940	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.32%
10) 1,1-Dichloroethene-d2	3.86	63	118811	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	6.90	46	39039	21.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.34%
24) Chloroform-d	7.49	84	153358	19.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.16%
26) 1,2-Dichloroethane-d4	8.15	65	78438	17.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.88%#
29) Benzene-d6	8.12	84	342798	21.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.44%
33) 1,2-Dichloropropane-d6	9.12	67	98611	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.80%
37) Toluene-d8	10.18	98	306328	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.36%
38) trans-1,3-Dichloropropene-	10.44	79	40916	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.76%
39) 2-Hexanone-d5	10.79	63	33559	24.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.86%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	64738	15.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.68%
61) 1,2-Dichlorobenzene-d4	13.72	152	82315	21.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.56%

Target Compounds

					Ovalue
13) Acetone	3.97	43	2357	1.854	ug/L 85
16) Methylene chloride	4.73	84	13105	2.354	ug/L 91
44) Toluene	10.25	91	8822	0.482	ug/L 94
54) m,p-Xylene	11.70	106	2833	0.367	ug/L 95

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

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