

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003820.D
 Acq On : 18 Dec 2020 15:48
 Operator : SY/MD
 Sample : L5151-04
 Misc : 4.55G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

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 12/21/2020 1:38:32 PM

Quant Time: Dec 19 01:01:27 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	266062	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	218436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	78091	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	73774	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	2.77	69	59599	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	3.86	63	105751	13.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.44%
20) 2-Butanone-d5	6.90	46	27586	17.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.86%
24) Chloroform-d	7.49	84	129907	18.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.20%
26) 1,2-Dichloroethane-d4	8.15	65	63067	16.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.56%#
29) Benzene-d6	8.12	84	291036	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.12	67	81526	20.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.84%
37) Toluene-d8	10.18	98	255166	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	10.44	79	31868	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.44%
39) 2-Hexanone-d5	10.79	63	22420	20.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.30%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	47955	13.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.72%
61) 1,2-Dichlorobenzene-d4	13.72	152	61017	21.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.00%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	12588m	2.635	ug/L
44) Toluene	10.25	91	7083	0.480	ug/L
54) m,p-Xylene	11.70	106	1962	0.315	ug/L

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

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