

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003750.D
 Acq On : 14 Dec 2020 15:39
 Operator : SY/MD
 Sample : VY1214SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK89

Quant Time: Dec 15 03:46:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	333682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	310629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	152855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	120726	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.04%
7) Chloroethane-d5	2.77	69	91966	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.36%
10) 1,1-Dichloroethene-d2	3.86	63	189891	19.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.40%
20) 2-Butanone-d5	6.90	46	102935	51.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.74%
24) Chloroform-d	7.49	84	224037	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.15	65	132042	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.12	84	479993	26.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.80%
33) 1,2-Dichloropropane-d6	9.12	67	149325	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	10.18	98	432778	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.40%
38) trans-1,3-Dichloropropene-	10.44	79	71667	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.04%
39) 2-Hexanone-d5	10.79	63	80774	52.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.64%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	127972	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.72	152	153815	28.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.08%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	13559	2.263 ug/L	94

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

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