

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003854.D
 Acq On : 29 Dec 2020 15:46
 Operator : SY/MD
 Sample : VY1229SBL03
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK203

Quant Time: Dec 30 07:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 30 07:19:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	398693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	375569	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	200586	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	133946	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
7) Chloroethane-d5	2.77	69	116176	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	3.86	63	190645	16.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.52%
21) 2-Butanone-d5	6.89	46	118041	46.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.04%
24) Chloroform-d	7.48	84	240350	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	8.14	65	156802	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
32) Benzene-d6	8.11	84	480272	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	9.12	67	146046	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	10.18	98	449692	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.43	79	77199	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
47) 2-Hexanone-d5	10.79	63	88296	46.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.46%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	139895	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
66) 1,2-Dichlorobenzene-d4	13.72	152	177864	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds					Ovalue
16) Methylene chloride	4.73	84	12274	1.919 ug/L	92

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

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