

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
 Data File : VY003831.D
 Acq On : 22 Dec 2020 10:58
 Operator : SY/MD
 Sample : VY1222SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK430

Quant Time: Dec 23 00:34:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 00:29:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	275173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	259271	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	133892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56513	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
7) Chloroethane-d5	2.77	69	51425	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	3.86	63	92532	15.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.44%
21) 2-Butanone-d5	6.90	46	63617	45.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.52%
24) Chloroform-d	7.48	84	143859	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.14	65	83755	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	8.12	84	301451	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	9.12	67	88900	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	10.18	98	276306	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
43) trans-1,3-Dichloropropene-	10.43	79	43792	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
47) 2-Hexanone-d5	10.79	63	52693	47.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.46%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	88756	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
66) 1,2-Dichlorobenzene-d4	13.72	152	112428	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	16099	3.346 ug/L	91

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

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