

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003853.D
 Acq On : 29 Dec 2020 15:23
 Operator : SY/MD
 Sample : VY1229SBL02
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK202

Quant Time: Dec 30 07:28:04 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	336467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	318068	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	173247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	122083	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.80%
7) Chloroethane-d5	2.76	69	102456	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.85	63	168964	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
21) 2-Butanone-d5	6.89	46	105883	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
24) Chloroform-d	7.48	84	213643	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.14	65	139228	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
32) Benzene-d6	8.11	84	419236	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	9.12	67	125501	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	10.18	98	394831	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	10.43	79	69539	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.52%
47) 2-Hexanone-d5	10.78	63	76640	47.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.76%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	121467	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
66) 1,2-Dichlorobenzene-d4	13.72	152	158319	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	10281	1.905 ug/L	94

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

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