

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061078.D
 Acq On : 1 May 2024 16:06
 Operator : MA/JU
 Sample : P2284-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 04 02:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	34130	20.000	ng	-0.01
21) Naphthalene-d8	10.764	136	130762	20.000	ng	# 0.00
39) Acenaphthene-d10	14.641	164	209146	20.000	ng	# 0.05
64) Phenanthrene-d10	17.409	188	215522	20.000	ng	# 0.08
76) Chrysene-d12	21.598	240	168397	20.000	ng	# 0.00
86) Perylene-d12	24.700	264	211600	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	105651	62.955	ng	-0.02
7) Phenol-d6	7.109	99	89701	36.132	ng	-0.02
23) Nitrobenzene-d5	9.107	82	270384	102.503	ng	-0.01
42) 2,4,6-Tribromophenol	16.157	330	206798	49.468	ng	0.08
45) 2-Fluorobiphenyl	13.231	172	615695	43.531	ng	0.02
79) Terphenyl-d14	19.988	244	944295	93.262	ng	0.03
Target Compounds						Qvalue
31) Naphthalene	10.828	128	670679	98.688	ng	# 73
37) 2-Methylnaphthalene	12.479	142	4526545	888.843	ng	98
38) 1-Methylnaphthalene	12.691	142	3406947m	664.526	ng	
46) 1,1'-Biphenyl	13.449	154	342814	25.564	ng	70
52) Acenaphthene	14.730	154	644174	62.611	ng	# 37
58) Fluorene	15.717	166	1107364	73.639	ng	# 66
71) Phenanthrene	17.468	178	4269809	433.281	ng	# 86
72) Anthracene	17.550	178	132561	13.481	ng	# 52
78) Pyrene	19.812	202	1631482m	152.389	ng	
81) Benzo(a)anthracene	21.580	228	31907	2.896	ng	# 1
83) Chrysene	21.639	228	85414	8.273	ng	# 51
85) Di-n-octyl phthalate	22.667	149	39428	5.050	ng	# 70

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

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