

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017659.D
 Acq On : 01 Dec 2021 20:15
 Operator : CG/JU
 Sample : M4862-09DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-5BDL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 20:49:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 18:24:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	21965	0.400	ng	-0.04
7) Naphthalene-d8	10.522	136	92948	0.400	ng	-0.03
13) Acenaphthene-d10	14.359	164	60334	0.400	ng	-0.03
19) Phenanthrene-d10	17.104	188	132151	0.400	ng	-0.01
29) Chrysene-d12	21.292	240	133542	0.400	ng	#-0.01
35) Perylene-d12	23.585	264	154446	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	259	0.005	ng	-0.02
5) Phenol-d6	6.915	99	1196	0.023	ng	-0.03
8) Nitrobenzene-d5	8.874	82	2875	0.073	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	9485	0.058	ng	-0.03
14) 2,4,6-Tribromophenol	15.856	330	38	0.126	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	12521	0.053	ng	-0.03
27) Fluoranthene-d10	19.134	212	25417	0.062	ng	-0.02
31) Terphenyl-d14	19.739	244	18698	0.064	ng	-0.01
Target Compounds						Qvalue
16) Acenaphthylene	14.080	152	27922	0.119	ng	99
17) Acenaphthene	14.422	154	8085	0.050	ng	98
18) Fluorene	15.412	166	18761m	0.095	ng	
25) Phenanthrene	17.141	178	474871	1.310	ng	100
26) Anthracene	17.226	178	84248	0.271	ng	# 94
28) Fluoranthene	19.163	202	797441	1.944	ng	# 97
30) Pyrene	19.526	202	634589	1.472	ng	96
32) Benzo(a)anthracene	21.271	228	329296	0.812	ng	96
33) Chrysene	21.324	228	333748	0.756	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	73404	0.763	ng	95
36) Indeno(1,2,3-cd)pyrene	25.936	276	228528	0.456	ng	# 91
37) Benzo(b)fluoranthene	22.894	252	491111	0.959	ng	# 94
38) Benzo(k)fluoranthene	22.935	252	162941m	0.310	ng	
39) Benzo(a)pyrene	23.482	252	286902	0.626	ng	# 94
40) Dibenzo(a,h)anthracene	25.950	278	53088	0.130	ng	# 79
41) Benzo(g,h,i)perylene	26.659	276	217633	0.516	ng	94

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

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