

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017661.D
 Acq On : 01 Dec 2021 21:27
 Operator : CG/JU
 Sample : M4862-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-4BDL

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 21:58:37 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	20045	0.400	ng	-0.04
7) Naphthalene-d8	10.522	136	86476	0.400	ng	#-0.03
13) Acenaphthene-d10	14.359	164	56441	0.400	ng	-0.03
19) Phenanthrene-d10	17.104	188	125259	0.400	ng	#-0.01
29) Chrysene-d12	21.292	240	130545	0.400	ng	#-0.01
35) Perylene-d12	23.585	264	139124	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	56	0.001	ng	-0.03
5) Phenol-d6	6.915	99	200	0.004	ng	-0.03
8) Nitrobenzene-d5	8.874	82	2128	0.058	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	7619	0.050	ng	-0.03
14) 2,4,6-Tribromophenol	15.856	330	22	0.126	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	10030	0.046	ng	-0.03
27) Fluoranthene-d10	19.134	212	22838	0.058	ng	-0.02
31) Terphenyl-d14	19.734	244	15130	0.053	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.560	128	11849	0.054	ng	97
16) Acenaphthylene	14.080	152	25164	0.114	ng	98
17) Acenaphthene	14.422	154	9267	0.061	ng	97
18) Fluorene	15.412	166	18463m	0.100	ng	
25) Phenanthrene	17.140	178	414481	1.207	ng	100
26) Anthracene	17.226	178	79095	0.268	ng	# 95
28) Fluoranthene	19.163	202	729163	1.876	ng	# 97
30) Pyrene	19.526	202	603219	1.431	ng	# 96
32) Benzo(a)anthracene	21.271	228	327596	0.826	ng	96
33) Chrysene	21.324	228	318382	0.738	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	376776	4.006	ng	96
36) Indeno(1,2,3-cd)pyrene	25.936	276	166773	0.369	ng	# 92
37) Benzo(b)fluoranthene	22.893	252	436818	0.947	ng	# 92
38) Benzo(k)fluoranthene	22.935	252	167423m	0.354	ng	
39) Benzo(a)pyrene	23.482	252	276657	0.670	ng	# 93
40) Dibenzo(a,h)anthracene	25.950	278	40281	0.109	ng	# 61
41) Benzo(g,h,i)perylene	26.655	276	157709	0.415	ng	93

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

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