

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
 Data File : BN030866.D
 Acq On : 12 Apr 2024 17:11
 Operator : MA/JU
 Sample : P1908-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 17:35:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 12 15:55:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	4980	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	14422	0.400	ng	0.00
13) Acenaphthene-d10	14.305	164	7770	0.400	ng	0.00
19) Phenanthrene-d10	17.065	188	17833	0.400	ng	0.00
29) Chrysene-d12	21.258	240	17505	0.400	ng	# 0.00
35) Perylene-d12	23.489	264	14738	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	4194	0.351	ng	0.00
5) Phenol-d6	6.844	99	5368	0.371	ng	0.00
8) Nitrobenzene-d5	8.819	82	3783	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	9100	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.811	330	530	0.168	ng	0.00
15) 2-Fluorobiphenyl	12.926	172	11327	0.411	ng	0.00
27) Fluoranthene-d10	19.098	212	20755	0.419	ng	0.00
31) Terphenyl-d14	19.702	244	15542	0.390	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.496	128	307101	7.699	ng	99
12) 2-Methylnaphthalene	12.119	142	182896	7.009	ng	99
16) Acenaphthylene	14.027	152	559915	16.492	ng	100
17) Acenaphthene	14.370	154	195301	8.142	ng	97
18) Fluorene	15.364	166	102885	3.263	ng	100
25) Phenanthrene	17.102	178	181508	3.478	ng	100
26) Anthracene	17.189	178	41516	0.952	ng	100
28) Fluoranthene	19.126	202	96285	1.491	ng	100
30) Pyrene	19.493	202	130839	1.988	ng	99
32) Benzo(a)anthracene	21.240	228	87992	1.450	ng	99
33) Chrysene	21.294	228	57182	0.879	ng	99
36) Indeno(1,2,3-cd)pyrene	25.737	276	289389	5.020	ng	100
37) Benzo(b)fluoranthene	22.817	252	56011	0.858	ng	96
38) Benzo(k)fluoranthene	22.861	252	307810m	5.001	ng	
39) Benzo(a)pyrene	23.393	252	89399	1.779	ng	# 90
40) Dibenzo(a,h)anthracene	25.752	278	193395	4.224	ng	96
41) Benzo(g,h,i)perylene	26.422	276	122694	2.474	ng	98

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

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