Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
Data File : BN027747.D
Acq On : 19 Sep 2023 12:15
Operator : MA/JU
Sample : 04346-21DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Quant Time: Sep 19 13:39:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	1672	0.400	ng		-0.01
7) Naphthalene-d8	10.821	136	5331	0.400	ng		-0.01
13) Acenaphthene-d10	14.640	164	3780	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11017	0.400	ng		0.00
29) Chrysene-d12	21.578	240	11932	0.400	ng	#	0.00
35) Perylene-d12	24.083	264	12263	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.531	112	364	0.083	ng		-0.01
5) Phenol-d6	7.156	99	408	0.076	ng		0.00
8) Nitrobenzene-d5	9.198	82	318	0.073	ng		-0.01
11) 2-Methylnaphthalene-d10	12.404	152	611	0.078	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	107	0.061	ng		0.01
15) 2-Fluorobiphenyl	13.272	172	1074	0.083	ng		0.00
27) Fluoranthene-d10	19.421	212	2569	0.083	ng		0.00
31) Terphenyl-d14	20.011	244	2149	0.096	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.874	128	24663	1.679	ng		99
12) 2-Methylnaphthalene	12.479	142	14522	1.412	ng		99
16) Acenaphthylene	14.373	152	18286	1.136	ng		99
17) Acenaphthene	14.705	154	37675	3.370	ng		100
18) Fluorene	15.693	166	24723	1.500	ng		99
25) Phenanthrene	17.443	178	28340	0.884	ng		100
26) Anthracene	17.530	178	7519	0.272	ng		99
28) Fluoranthene	19.453	202	24515	0.584	ng		99
30) Pyrene	19.816	202	25328	0.622	ng		99
32) Benzo(a)anthracene	21.569	228	11704	0.274	ng		98
33) Chrysene	21.623	228	15334	0.339	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	651	0.032	ng		97
36) Indeno(1,2,3-cd)pyrene	26.715	276	10926	0.197	ng		97
37) Benzo(b)fluoranthene	23.306	252	10930	0.240	ng	#	81
38) Benzo(k)fluoranthene	23.355	252	38174	0.822	ng	#	95
39) Benzo(a)pyrene	23.972	252	10350	0.239	ng	#	74
40) Dibenzo(a,h)anthracene	26.750	278	5509	0.122	ng	#	78
41) Benzo(g,h,i)perylene	27.530	276	24635	0.500	ng		98

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

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