Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072723\
Data File : BN026769.D
Acq On : 27 Jul 2023 17:43
Operator : MA/JU
Sample : PB154434BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154434BSD

Quant Time: Jul 27 18:40:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 18:29:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1604	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	4208	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	2999	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5783	0.400	ng	# 0.00
29) Chrysene-d12	21.426	240	5006	0.400	ng	# 0.00
35) Perylene-d12	23.800	264	4761	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	1515m	0.389	ng	0.00
5) Phenol-d6	7.069	99	1548m	0.312	ng	0.00
8) Nitrobenzene-d5	9.059	82	1224	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	12.241	152	5100	0.829	ng	0.00
14) 2,4,6-Tribromophenol	16.003	330	452	0.414	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	3711	0.321	ng	0.00
27) Fluoranthene-d10	19.254	212	6075	0.496	ng	0.00
31) Terphenyl-d14	19.853	244	4827	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	716	0.422	ng	# 75
3) n-Nitrosodimethylamine	3.653	42	3048	1.773	ng	# 2
6) bis(2-Chloroethyl)ether	7.315	93	1564m	0.383	ng	
9) Naphthalene	10.682	128	4098	0.360	ng	# 93
10) Hexachlorobutadiene	10.928	225	1252	0.569	ng	# 97
12) 2-Methylnaphthalene	12.313	142	2701	0.337	ng	# 92
16) Acenaphthylene	14.192	152	5161	0.367	ng	99
17) Acenaphthene	14.523	154	3152	0.347	ng	98
18) Fluorene	15.519	166	3663	0.309	ng	99
20) 4,6-Dinitro-2-methylph...	16.152	198	9	0.069	ng	# 44
21) 4-Bromophenyl-phenylether	16.413	248	1478m	0.448	ng	
22) Hexachlorobenzene	16.524	284	1491	0.451	ng	92
23) Atrazine	16.710	200	704	0.248	ng	# 81
24) Pentachlorophenol	16.922	266	1166	0.748	ng	# 91
25) Phenanthrene	17.257	178	5632	0.332	ng	99
26) Anthracene	17.368	178	4867	0.319	ng	99
28) Fluoranthene	19.286	202	7764	0.436	ng	# 93
30) Pyrene	19.648	202	7807	0.281	ng	99
32) Benzo(a)anthracene	21.408	228	5473	0.304	ng	97
33) Chrysene	21.453	228	7384	0.368	ng	97
34) Bis(2-ethylhexyl)phtha...	21.301	149	4555	0.283	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.279	276	6359	0.325	ng	# 77
37) Benzo(b)fluoranthene	23.078	252	6097	0.353	ng	# 82
38) Benzo(k)fluoranthene	23.124	252	6722	0.360	ng	# 79
39) Benzo(a)pyrene	23.703	252	5196	0.307	ng	# 70
40) Dibenzo(a,h)anthracene	26.297	278	5818m	0.380	ng	
41) Benzo(g,h,i)perylene	27.016	276	6376	0.357	ng	# 84

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

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