Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026733.D
Acq On : 25 Jul 2023 04:15
Operator : MA/JU
Sample : PB153977BL
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153977BL

Quant Time: Jul 25 04:53:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	5	0.400	ng	#-0.04
7) Naphthalene-d8	10.607	136	7	0.400	ng	#-0.02
13) Acenaphthene-d10	14.459	164	11	0.400	ng	# 0.00
19) Phenanthrene-d10	17.207	188	3	0.400	ng	#-0.01
29) Chrysene-d12	21.372	240	26	0.400	ng	#-0.04
35) Perylene-d12	23.741	264	7	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	715	58.944	ng	0.02
5) Phenol-d6	7.026	99	4	0.259	ng	-0.01
8) Nitrobenzene-d5	8.920	82	27	4.510	ng	-0.12
11) 2-Methylnaphthalene-d10	12.264	152	1396	136.396	ng	0.03
14) 2,4,6-Tribromophenol	16.028	330	133	33.233	ng	0.05
15) 2-Fluorobiphenyl	13.133	172	2329	54.841	ng	0.03
27) Fluoranthene-d10	19.258	212	6061	953.514	ng	0.00
31) Terphenyl-d14	19.848	244	4250	63.873	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	27	5.105	ng	# 25
3) n-Nitrosodimethylamine	3.624	42	20	3.733	ng	# 1
6) bis(2-Chloroethyl)ether	7.264	93	3	0.236	ng	# 1
9) Naphthalene	10.650	128	10	0.528	ng	# 1
10) Hexachlorobutadiene	10.927	225	3	0.820	ng	# 9
12) 2-Methylnaphthalene	12.264	142	2	0.150	ng	# 48
16) Acenaphthylene	14.213	152	7	0.136	ng	# 61
17) Acenaphthene	14.480	154	1	0.030	ng	# 1
18) Fluorene	15.556	166	15	0.345	ng	# 10
20) 4,6-Dinitro-2-methylph...	16.115	198	5	11.542	ng	# 5
21) 4-Bromophenyl-phenylether	16.400	248	7	4.087	ng	# 60
22) Hexachlorobenzene	16.537	284	12	6.992	ng	# 33
23) Atrazine	16.710	200	5	3.399	ng	# 1
24) Pentachlorophenol	16.859	266	4	4.948	ng	# 52
25) Phenanthrene	17.232	178	20	2.275	ng	# 1
26) Anthracene	17.331	178	31	3.917	ng	# 60
28) Fluoranthene	19.291	202	82	8.884	ng	# 83
30) Pyrene	19.593	202	5	0.035	ng	# 1
32) Benzo(a)anthracene	21.318	228	18	0.192	ng	# 1
33) Chrysene	21.426	228	53	0.508	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.256	149	205	2.456	ng	# 71
36) Indeno(1,2,3-cd)pyrene	26.197	276	5	0.174	ng	# 1
37) Benzo(b)fluoranthene	23.016	252	11	0.433	ng	# 1
38) Benzo(k)fluoranthene	23.075	252	22	0.801	ng	# 1
39) Benzo(a)pyrene	23.627	252	2	0.080	ng	# 1
40) Dibenzo(a,h)anthracene	26.209	278	2	0.089	ng	# 1
41) Benzo(g,h,i)perylene	26.946	276	3	0.114	ng	# 1

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

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