Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028356.D
Acq On : 23 Oct 2023 22:01
Operator : MA/JU
Sample : 05003-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Quant Time: Oct 24 03:21:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	2754	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	9128	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	5903	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	14160	0.400	ng	#-0.01
29) Chrysene-d12	21.489	240	14197	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	13928	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	621	0.073	ng	0.00
5) Phenol-d6	7.091	99	445	0.042	ng	0.04
8) Nitrobenzene-d5	9.112	82	1717	0.212	ng	0.01
11) 2-Methylnaphthalene-d10	12.294	152	3230	0.235	ng	0.00
14) 2,4,6-Tribromophenol	16.040	330	506	0.176	ng	-0.02
15) 2-Fluorobiphenyl	13.154	172	4939	0.238	ng	-0.01
27) Fluoranthene-d10	19.319	212	10880	0.287	ng	0.00
31) Terphenyl-d14	19.909	244	9472	0.314	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	305	0.092	ng	# 75
3) n-Nitrosodimethylamine	3.668	42	221	0.061	ng	# 66
9) Naphthalene	10.757	128	3210	0.136	ng	# 94
10) Hexachlorobutadiene	10.959	225	371	0.091	ng	# 100
12) 2-Methylnaphthalene	12.370	142	1774	0.105	ng	# 95
16) Acenaphthylene	14.256	152	3335	0.126	ng	98
17) Acenaphthene	14.587	154	1893	0.113	ng	96
18) Fluorene	15.581	166	2855	0.130	ng	98
21) 4-Bromophenyl-phenylether	16.462	248	883	0.121	ng	# 70
22) Hexachlorobenzene	16.561	284	894	0.119	ng	94
23) Atrazine	16.748	200	1048	0.153	ng	95
25) Phenanthrene	17.331	178	5786	0.149	ng	97
26) Anthracene	17.418	178	4558	0.123	ng	99
28) Fluoranthene	19.351	202	7473	0.153	ng	99
30) Pyrene	19.718	202	7810	0.161	ng	100
32) Benzo(a)anthracene	21.471	228	6958	0.138	ng	99
33) Chrysene	21.524	228	7036	0.146	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	7410	0.192	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.504	276	6628	0.118	ng	98
37) Benzo(b)fluoranthene	23.174	252	6796	0.156	ng	# 87
38) Benzo(k)fluoranthene	23.227	252	6392	0.144	ng	# 85
39) Benzo(a)pyrene	23.826	252	5519	0.127	ng	# 75
40) Dibenzo(a,h)anthracene	26.519	278	5328	0.117	ng	# 89
41) Benzo(g,h,i)perylene	27.308	276	5561	0.118	ng	94

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

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