Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033808.D
Acq On : 07 Sep 2024 07:19
Operator : MA/JU
Sample : SP6616
Misc : 8270 SIM SPIKE
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6616

Quant Time: Sep 09 00:25:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4741	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	12062	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5549	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10386	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	7402	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	7890	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	2147	0.398	ng	# 36
3) n-Nitrosodimethylamine	3.450	42	2831	0.447	ng	# 88
6) bis(2-Chloroethyl)ether	6.946	93	5113	0.394	ng	98
9) Naphthalene	10.314	128	12739	0.395	ng	99
10) Hexachlorobutadiene	10.613	225	2694	0.402	ng	# 99
12) 2-Methylnaphthalene	11.937	142	7873	0.399	ng	97
16) Acenaphthylene	13.857	152	9697	0.404	ng	100
17) Acenaphthene	14.210	154	6707	0.408	ng	99
18) Fluorene	15.204	166	7907	0.390	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	645	0.393	ng	# 57
21) 4-Bromophenyl-phenylether	16.098	248	2367	0.393	ng	# 73
22) Hexachlorobenzene	16.209	284	2776	0.402	ng	95
23) Atrazine	16.383	200	1840	0.383	ng	# 90
24) Pentachlorophenol	16.557	266	1741	0.617	ng	98
25) Phenanthrene	16.942	178	11684	0.408	ng	99
26) Anthracene	17.029	178	10290	0.414	ng	100
28) Fluoranthene	18.970	202	11790	0.368	ng	98
30) Pyrene	19.337	202	12525	0.420	ng	99
32) Benzo(a)anthracene	21.095	228	10607	0.401	ng	99
33) Chrysene	21.148	228	11390	0.436	ng	98
34) Bis(2-ethylhexyl)phtha...	21.059	149	5295	0.367	ng	99
36) Indeno(1,2,3-cd)pyrene	25.396	276	13771	0.422	ng	97
37) Benzo(b)fluoranthene	22.627	252	11286	0.389	ng	98
38) Benzo(k)fluoranthene	22.668	252	11668	0.413	ng	98
39) Benzo(a)pyrene	23.171	252	10518	0.434	ng	97
40) Dibenzo(a,h)anthracene	25.414	278	10962	0.419	ng	98
41) Benzo(g,h,i)perylene	26.042	276	11019	0.389	ng	98

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

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