Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
Data File : BN026825.D
Acq On : 07 Aug 2023 11:27
Operator : MA/JU
Sample : PB154434BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154434BSD

Quant Time: Aug 08 00:48:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.131	152	9808	0.400	ng		0.00
7) Naphthalene-d8	10.959	136	24713	0.400	ng		# 0.01
13) Acenaphthene-d10	14.747	164	15809	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	35478	0.400	ng		0.00
29) Chrysene-d12	21.668	240	28854	0.400	ng		# 0.00
35) Perylene-d12	24.232	264	29143	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.632	112	8558	0.345	ng		0.00
5) Phenol-d6	7.250	99	10757	0.334	ng		0.00
8) Nitrobenzene-d5	9.315	82	6765	0.462	ng		0.01
11) 2-Methylnaphthalene-d10	12.525	152	14582	0.412	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2134	0.397	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	23854	0.370	ng		0.00
27) Fluoranthene-d10	19.514	212	31500	0.370	ng		0.00
31) Terphenyl-d14	20.099	244	22327	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.494	88	3880	0.339	ng		98
3) n-Nitrosodimethylamine	3.834	42	4180	0.327	ng		91
6) bis(2-Chloroethyl)ether	7.553	93	10522	0.363	ng		98
9) Naphthalene	11.002	128	24493	0.360	ng		100
10) Hexachlorobutadiene	11.248	225	5429	0.441	ng	#	100
12) 2-Methylnaphthalene	12.600	142	19028	0.410	ng		99
16) Acenaphthylene	14.480	152	28296	0.362	ng		100
17) Acenaphthene	14.811	154	18143	0.370	ng		99
18) Fluorene	15.792	166	23601	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	193	0.336	ng	#	79
21) 4-Bromophenyl-phenylether	16.686	248	7819	0.365	ng		96
22) Hexachlorobenzene	16.760	284	8799	0.359	ng		99
23) Atrazine	16.934	200	5066	0.358	ng	#	89
24) Pentachlorophenol	17.120	266	2725	0.433	ng		99
25) Phenanthrene	17.530	178	38350	0.356	ng		100
26) Anthracene	17.629	178	33324	0.346	ng		100
28) Fluoranthene	19.541	202	43036	0.359	ng		99
30) Pyrene	19.908	202	42779	0.343	ng		100
32) Benzo(a)anthracene	21.650	228	36899	0.372	ng		99
33) Chrysene	21.712	228	39910	0.364	ng		99
34) Bis(2-ethylhexyl)phtha...	21.551	149	14901	0.454	ng		98
36) Indeno(1,2,3-cd)pyrene	26.940	276	44304	0.373	ng		98
37) Benzo(b)fluoranthene	23.437	252	38624	0.337	ng		99
38) Benzo(k)fluoranthene	23.490	252	39226	0.333	ng		100
39) Benzo(a)pyrene	24.118	252	37323	0.357	ng		98
40) Dibenzo(a,h)anthracene	26.969	278	34741	0.376	ng		97
41) Benzo(g,h,i)perylene	27.785	276	37196	0.340	ng		99

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

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