Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036894.D
Acq On : 12 Apr 2025 00:45
Operator : RC/JU
Sample : PB167519BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167519BSD

Quant Time: Apr 12 01:46:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	195	0.400	ng	# 0.00
7) Naphthalene-d8	10.426	136	480	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	292	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	662	0.400	ng	# 0.00
29) Chrysene-d12	21.224	240	805	0.400	ng	# 0.00
35) Perylene-d12	23.444	264	1051	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	226	0.493	ng	0.00
5) Phenol-d6	6.817	99	276	0.471	ng	0.00
8) Nitrobenzene-d5	8.792	82	183	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	280m	0.401	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	54	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.914	172	565	0.403	ng	0.00
27) Fluoranthene-d10	19.073	212	784	0.420	ng	0.00
31) Terphenyl-d14	19.676	244	587	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	88	0.389	ng	# 28
3) n-Nitrosodimethylamine	3.473	42	225	0.449	ng	# 84
6) bis(2-Chloroethyl)ether	7.069	93	223	0.388	ng	88
9) Naphthalene	10.468	128	576	0.417	ng	# 84
10) Hexachlorobutadiene	10.767	225	131	0.418	ng	# 100
12) 2-Methylnaphthalene	12.097	142	351	0.395	ng	# 93
16) Acenaphthylene	14.010	152	588	0.433	ng	97
17) Acenaphthene	14.352	154	369	0.418	ng	97
18) Fluorene	15.346	166	520	0.427	ng	92
20) 4,6-Dinitro-2-methylph...	15.432	198	51	0.325	ng	# 71
21) 4-Bromophenyl-phenylether	16.239	248	172	0.434	ng	95
22) Hexachlorobenzene	16.351	284	192	0.409	ng	91
23) Atrazine	16.512	200	200	0.516	ng	# 80
24) Pentachlorophenol	16.686	266	139	0.565	ng	# 90
25) Phenanthrene	17.071	178	880	0.443	ng	98
26) Anthracene	17.170	178	854	0.483	ng	98
28) Fluoranthene	19.100	202	1116	0.447	ng	98
30) Pyrene	19.467	202	1210	0.398	ng	99
32) Benzo(a)anthracene	21.215	228	1228	0.432	ng	99
33) Chrysene	21.260	228	1417	0.452	ng	96
34) Bis(2-ethylhexyl)phtha...	21.153	149	958	0.454	ng	99
36) Indeno(1,2,3-cd)pyrene	25.672	276	2458	0.490	ng	98
37) Benzo(b)fluoranthene	22.781	252	1513	0.406	ng	92
38) Benzo(k)fluoranthene	22.825	252	1692m	0.450	ng	
39) Benzo(a)pyrene	23.348	252	1529	0.468	ng	91
40) Dibenzo(a,h)anthracene	25.690	278	1912	0.480	ng	92
41) Benzo(g,h,i)perylene	26.356	276	2001	0.444	ng	95

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

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