Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036325.D
Acq On : 06 Feb 2025 08:39
Operator : RC/JU
Sample : PB166470BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166470BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 09:07:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2053	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4504	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2275	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	4578	0.400	ng	-0.01
29) Chrysene-d12	21.340	240	4182	0.400	ng	0.00
35) Perylene-d12	23.628	264	4261	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	2040	0.382	ng	0.00
5) Phenol-d6	6.952	99	2285	0.364	ng	0.00
8) Nitrobenzene-d5	8.918	82	1807	0.425	ng	-0.01
11) 2-Methylnaphthalene-d10	12.157	152	3457	0.565	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	297	0.204	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	3621	0.357	ng	0.00
27) Fluoranthene-d10	19.188	212	5062	0.427	ng	0.00
31) Terphenyl-d14	19.787	244	4002	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	909	0.396	ng	# 75
3) n-Nitrosodimethylamine	3.586	42	1524	0.366	ng	# 71
6) bis(2-Chloroethyl)ether	7.197	93	2455	0.486	ng	100
9) Naphthalene	10.616	128	5408	0.413	ng	98
10) Hexachlorobutadiene	10.904	225	1440	0.341	ng	# 99
12) 2-Methylnaphthalene	12.233	142	3371	0.415	ng	97
16) Acenaphthylene	14.131	152	4544	0.421	ng	100
17) Acenaphthene	14.473	154	3036	0.411	ng	98
18) Fluorene	15.457	166	3917	0.423	ng	99
20) 4,6-Dinitro-2-methylph...	15.547	198	176	0.165	ng	# 27
21) 4-Bromophenyl-phenylether	16.354	248	1180	0.362	ng	# 92
22) Hexachlorobenzene	16.466	284	1531	0.357	ng	98
23) Atrazine	16.627	200	901	0.382	ng	97
24) Pentachlorophenol	16.814	266	790	0.425	ng	96
25) Phenanthrene	17.198	178	5637	0.410	ng	99
26) Anthracene	17.285	178	5191	0.415	ng	98
28) Fluoranthene	19.220	202	6588	0.408	ng	# 97
30) Pyrene	19.582	202	6906	0.408	ng	99
32) Benzo(a)anthracene	21.331	228	6083	0.401	ng	99
33) Chrysene	21.376	228	6502	0.419	ng	98
34) Bis(2-ethylhexyl)phtha...	21.259	149	3278	0.394	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.946	276	7058	0.413	ng	96
37) Benzo(b)fluoranthene	22.938	252	6181	0.399	ng	# 91
38) Benzo(k)fluoranthene	22.987	252	6485m	0.415	ng	
39) Benzo(a)pyrene	23.528	252	5654	0.427	ng	# 91
40) Dibenzo(a,h)anthracene	25.961	278	5375	0.394	ng	96
41) Benzo(g,h,i)perylene	26.654	276	5743	0.387	ng	95

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

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