Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036324.D
Acq On : 06 Feb 2025 08:03
Operator : RC/JU
Sample : PB166419BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 08:30:24 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

Instrument :
BNA_N
ClientSampleId :
PB166419BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2239	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4945	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2445	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	4757	0.400	ng	# 0.00
29) Chrysene-d12	21.340	240	4475	0.400	ng	0.00
35) Perylene-d12	23.630	264	4637	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	2184	0.375	ng	0.00
5) Phenol-d6	6.952	99	2459	0.360	ng	0.00
8) Nitrobenzene-d5	8.918	82	1952	0.418	ng	-0.01
11) 2-Methylnaphthalene-d10	12.157	152	3675	0.547	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	360	0.230	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	3786	0.347	ng	0.00
27) Fluoranthene-d10	19.188	212	5217	0.423	ng	0.00
31) Terphenyl-d14	19.787	244	4237	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	969	0.387	ng	# 50
3) n-Nitrosodimethylamine	3.586	42	1616	0.356	ng	# 71
6) bis(2-Chloroethyl)ether	7.197	93	2674	0.486	ng	99
9) Naphthalene	10.616	128	5781	0.403	ng	98
10) Hexachlorobutadiene	10.904	225	1546	0.333	ng	# 99
12) 2-Methylnaphthalene	12.233	142	3571	0.401	ng	96
16) Acenaphthylene	14.131	152	4680	0.404	ng	99
17) Acenaphthene	14.473	154	3195	0.402	ng	98
18) Fluorene	15.457	166	3969	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.547	198	162	0.146	ng	# 31
21) 4-Bromophenyl-phenylether	16.354	248	1193	0.352	ng	# 93
22) Hexachlorobenzene	16.466	284	1579	0.354	ng	96
23) Atrazine	16.627	200	904	0.369	ng	97
24) Pentachlorophenol	16.813	266	929	0.481	ng	98
25) Phenanthrene	17.198	178	5703	0.399	ng	100
26) Anthracene	17.285	178	5348	0.411	ng	99
28) Fluoranthene	19.220	202	6743	0.402	ng	98
30) Pyrene	19.582	202	7110	0.392	ng	100
32) Benzo(a)anthracene	21.331	228	6360	0.392	ng	99
33) Chrysene	21.375	228	6946	0.419	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	3331	0.375	ng	98
36) Indeno(1,2,3-cd)pyrene	25.949	276	7491	0.403	ng	96
37) Benzo(b)fluoranthene	22.940	252	6605	0.392	ng	# 92
38) Benzo(k)fluoranthene	22.987	252	6814m	0.401	ng	
39) Benzo(a)pyrene	23.528	252	6161	0.428	ng	# 89
40) Dibenzo(a,h)anthracene	25.964	278	5781	0.390	ng	95
41) Benzo(g,h,i)perylene	26.656	276	6020	0.372	ng	96

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

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