Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036826.D
Acq On : 03 Apr 2025 17:14
Operator : RC/JU
Sample : PB167430BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167430BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 17:39:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	2292	0.400	ng		-0.03
7) Naphthalene-d8	10.476	136	5542	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	3005	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	6134	0.400	ng		-0.03
29) Chrysene-d12	21.276	240	4706	0.400	ng		#-0.02
35) Perylene-d12	23.516	264	2869	0.400	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	2126	0.398	ng		-0.02
5) Phenol-d6	6.872	99	2512	0.381	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1860	0.309	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3322m	0.403	ng		-0.04
14) 2,4,6-Tribromophenol	15.832	330	477	0.350	ng		-0.03
15) 2-Fluorobiphenyl	12.957	172	6173	0.353	ng		-0.03
27) Fluoranthene-d10	19.117	212	5498	0.350	ng		-0.02
31) Terphenyl-d14	19.721	244	3856	0.342	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.224	88	899	0.354	ng	#	56
3) n-Nitrosodimethylamine	3.528	42	1996	0.388	ng	#	96
6) bis(2-Chloroethyl)ether	7.125	93	2492	0.365	ng		100
9) Naphthalene	10.530	128	5789	0.355	ng		99
10) Hexachlorobutadiene	10.818	225	1352	0.352	ng	#	98
12) 2-Methylnaphthalene	12.146	142	3685	0.355	ng		98
16) Acenaphthylene	14.056	152	5414	0.382	ng		99
17) Acenaphthene	14.398	154	3532	0.380	ng		100
18) Fluorene	15.381	166	4682	0.373	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	460	0.439	ng	#	79
21) 4-Bromophenyl-phenylether	16.279	248	1442	0.375	ng		93
22) Hexachlorobenzene	16.391	284	1672	0.360	ng		98
23) Atrazine	16.552	200	539	0.175	ng	#	90
24) Pentachlorophenol	16.738	266	1402	0.663	ng		97
25) Phenanthrene	17.123	178	7152	0.389	ng		99
26) Anthracene	17.210	178	6515	0.392	ng		99
28) Fluoranthene	19.145	202	8105	0.392	ng		99
30) Pyrene	19.508	202	7989	0.347	ng		100
32) Benzo(a)anthracene	21.259	228	6210	0.379	ng		99
33) Chrysene	21.303	228	7470	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3886	0.334	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.779	276	5626	0.543	ng	#	82
37) Benzo(b)fluoranthene	22.841	252	6012	0.576	ng		94
38) Benzo(k)fluoranthene	22.887	252	6564	0.599	ng	#	93
39) Benzo(a)pyrene	23.419	252	4412	0.502	ng		95
40) Dibenzo(a,h)anthracene	25.799	278	4493	0.557	ng		96
41) Benzo(g,h,i)perylene	26.469	276	4427	0.480	ng		100

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

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