Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141439.D
Acq On : 05 Feb 2025 11:47
Operator : RC/JU
Sample : PB166294BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 05 12:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166294BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

02/06/2025
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02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	72987	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	285622	20.000	ng		#-0.01
39) Acenaphthene-d10	9.827	164	157073	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	268815	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	187164	20.000	ng		-0.01
86) Perylene-d12	15.427	264	163935	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	630538	132.627	ng		0.00
7) Phenol-d6	6.434	99	771514	127.565	ng		0.00
23) Nitrobenzene-d5	7.357	82	515185	95.086	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	222970	154.841	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	954571	93.540	ng		-0.01
79) Terphenyl-d14	12.904	244	1162048	95.750	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	75727	36.218	ng		95
3) Pyridine	3.281	79	189020	37.521	ng		95
4) n-Nitrosodimethylamine	3.228	42	144996	50.383	ng		83
6) Aniline	6.451	93	193758	37.847	ng	#	5
8) 2-Chlorophenol	6.581	128	240737	47.243	ng		96
9) Benzaldehyde	6.339	77	21533	6.147	ng		97
10) Phenol	6.445	94	287555	44.852	ng	#	68
11) bis(2-Chloroethyl)ether	6.528	93	216614	44.066	ng		99
12) 1,3-Dichlorobenzene	6.728	146	251649	44.789	ng		98
13) 1,4-Dichlorobenzene	6.810	146	262713	46.544	ng		100
14) 1,2-Dichlorobenzene	6.957	146	245753	46.497	ng		99
15) Benzyl Alcohol	6.934	79	214068	51.793	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	367278	42.966	ng		59
17) 2-Methylphenol	7.051	107	185339	44.752	ng	#	92
18) Hexachloroethane	7.304	117	99805	47.931	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	168244	46.816	ng		100
20) 3+4-Methylphenols	7.204	107	239419	47.083	ng		93
22) Acetophenone	7.198	105	333018	49.051	ng		99
24) Nitrobenzene	7.375	77	257434	45.849	ng		99
25) Isophorone	7.610	82	442481	47.245	ng		99
26) 2-Nitrophenol	7.692	139	127059	47.983	ng		96
27) 2,4-Dimethylphenol	7.733	122	184581m	54.764	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	262769	43.985	ng		99
29) 2,4-Dichlorophenol	7.939	162	197168	47.784	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	213686	45.347	ng		99
31) Naphthalene	8.092	128	691208	45.810	ng		100
32) Benzoic acid	7.857	122	138729	44.774	ng		95
33) 4-Chloroaniline	8.145	127	109963	21.491	ng		98
34) Hexachlorobutadiene	8.210	225	136347	49.340	ng		99
35) Caprolactam	8.510	113	62207m	46.162	ng		
36) 4-Chloro-3-methylphenol	8.639	107	217975	49.249	ng		95
37) 2-Methylnaphthalene	8.786	142	450445	46.970	ng		99
38) 1-Methylnaphthalene	8.886	142	421785	44.773	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	213361	47.747	ng		98
41) Hexachlorocyclopentadiene	8.939	237	243063	184.182	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	139484	47.690	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	148386	46.613	ng	98
46) 1,1'-Biphenyl	9.251	154	568607	46.418	ng	99
47) 2-Chloronaphthalene	9.275	162	426849	44.705	ng	99
48) 2-Nitroaniline	9.375	65	147311	49.051	ng	95
49) Acenaphthylene	9.692	152	656250	49.100	ng	100
50) Dimethylphthalate	9.557	163	504634	47.568	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110496	44.859	ng	94
52) Acenaphthene	9.863	154	510747m	53.490	ng	
53) 3-Nitroaniline	9.786	138	65366	27.076	ng	95
54) 2,4-Dinitrophenol	9.898	184	130643	114.095	ng	90
55) Dibenzofuran	10.039	168	602805	47.164	ng	97
56) 4-Nitrophenol	9.969	139	181575	102.840	ng	89
57) 2,4-Dinitrotoluene	10.022	165	157833	49.490	ng	91
58) Fluorene	10.380	166	482443	48.663	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128565m	51.336	ng	
60) Diethylphthalate	10.257	149	500958	48.702	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	233801	48.279	ng	98
62) 4-Nitroaniline	10.404	138	114882	48.402	ng	90
63) Azobenzene	10.533	77	481359	46.750	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	91087	57.286	ng	100
66) n-Nitrosodiphenylamine	10.492	169	421404	48.468	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	145703	48.415	ng	99
68) Hexachlorobenzene	10.927	284	153026	47.936	ng	99
69) Atrazine	11.022	200	152376	52.417	ng	99
70) Pentachlorophenol	11.127	266	193550	103.538	ng	99
71) Phenanthrene	11.345	178	743871	51.479	ng	100
72) Anthracene	11.392	178	758044	53.540	ng	99
73) Carbazole	11.551	167	665174	52.983	ng	99
74) Di-n-butylphthalate	11.880	149	783458	51.494	ng	99
75) Fluoranthene	12.533	202	792604	55.552	ng	98
77) Benzidine	12.657	184	173242	28.873	ng	99
78) Pyrene	12.763	202	824927	45.916	ng	99
80) Butylbenzylphthalate	13.380	149	311075	49.562	ng	99
81) Benzo(a)anthracene	13.951	228	637983	49.397	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	98974	24.095	ng	98
83) Chrysene	13.992	228	562189	47.496	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	403170	50.636	ng	99
85) Di-n-octyl phthalate	14.574	149	602500	48.720	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	538149	50.861	ng	95
88) Benzo(b)fluoranthene	15.009	252	498092	48.302	ng	98
89) Benzo(k)fluoranthene	15.039	252	472495	51.723	ng	98
90) Benzo(a)pyrene	15.368	252	461267	52.934	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	435153	51.119	ng	96
92) Benzo(g,h,i)perylene	17.315	276	407221	46.007	ng	96

02/06/2025
Supervised By :mohammad ahmed

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

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