Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
Data File : BF141837.D
Acq On : 05 Mar 2025 11:09
Operator : RC/JU
Sample : PB166970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 11:41:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166970BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

03/06/2025
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03/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	246395	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	963244	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	528441	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	907213	20.000	ng	0.00
76) Chrysene-d12	14.045	240	588159	20.000	ng	0.00
86) Perylene-d12	15.515	264	530080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2076762	134.604	ng	0.02
7) Phenol-d6	6.510	99	2614984	130.216	ng	0.00
23) Nitrobenzene-d5	7.445	82	1698269	112.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	810133	163.297	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3049329	92.526	ng	0.00
79) Terphenyl-d14	12.992	244	3594001	98.864	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	292229	41.743	ng	99
3) Pyridine	3.546	79	717868	41.213	ng	99
4) n-Nitrosodimethylamine	3.493	42	368870	44.012	ng	97
6) Aniline	6.551	93	647700	31.024	ng	100
8) 2-Chlorophenol	6.669	128	760147	45.544	ng	97
9) Benzaldehyde	6.434	77	280876	24.045	ng	100
10) Phenol	6.522	94	923649	43.042	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	690465	42.211	ng	97
12) 1,3-Dichlorobenzene	6.828	146	778962	43.581	ng	99
13) 1,4-Dichlorobenzene	6.904	146	787342	43.718	ng	99
14) 1,2-Dichlorobenzene	7.057	146	759495	45.162	ng	99
15) Benzyl Alcohol	7.022	79	677429	42.209	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	994320	40.026	ng	99
17) 2-Methylphenol	7.134	107	617275	44.806	ng	100
18) Hexachloroethane	7.398	117	292591	43.406	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	522803	39.603	ng	99
20) 3+4-Methylphenols	7.281	107	762603	44.454	ng	96
22) Acetophenone	7.292	105	1116413	47.588	ng	99
24) Nitrobenzene	7.463	77	798747	49.497	ng	99
25) Isophorone	7.704	82	1425008	44.016	ng	99
26) 2-Nitrophenol	7.781	139	382061	52.525	ng	98
27) 2,4-Dimethylphenol	7.810	122	667567	56.095	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	850689	41.192	ng	100
29) 2,4-Dichlorophenol	8.016	162	620682	45.209	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	665487	44.236	ng	99
31) Naphthalene	8.186	128	2149639	43.421	ng	99
32) Benzoic acid	7.928	122	548592	54.072	ng	97
33) 4-Chloroaniline	8.228	127	228083	12.565	ng	98
34) Hexachlorobutadiene	8.304	225	407388	43.578	ng	99
35) Caprolactam	8.604	113	229713m	54.389	ng	
36) 4-Chloro-3-methylphenol	8.710	107	689518	45.211	ng	98
37) 2-Methylnaphthalene	8.880	142	1340824	41.291	ng	100
38) 1-Methylnaphthalene	8.980	142	1319465	42.348	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	721490	47.274	ng	99
41) Hexachlorocyclopentadiene	9.033	237	914175	143.530	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	458853	46.543	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	478201	48.985	ng		98
46) 1,1'-Biphenyl	9.345	154	1903841	47.332	ng		99
47) 2-Chloronaphthalene	9.369	162	1314952	44.293	ng		99
48) 2-Nitroaniline	9.457	65	428286	52.279	ng		98
49) Acenaphthylene	9.786	152	2063328	46.356	ng		100
50) Dimethylphthalate	9.645	163	1547672	43.734	ng		99
51) 2,6-Dinitrotoluene	9.704	165	345814	50.900	ng		93
52) Acenaphthene	9.957	154	1504280	50.086	ng		99
53) 3-Nitroaniline	9.869	138	198326	28.770	ng	#	95
54) 2,4-Dinitrophenol	9.975	184	406725	114.101	ng	#	1
55) Dibenzofuran	10.127	168	1869323	42.763	ng		100
56) 4-Nitrophenol	10.027	139	676987	129.524	ng		96
57) 2,4-Dinitrotoluene	10.104	165	473712	56.606	ng		97
58) Fluorene	10.469	166	1435853	43.850	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	405913	47.809	ng		99
60) Diethylphthalate	10.345	149	1500999	42.309	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	693530	42.273	ng		99
62) 4-Nitroaniline	10.486	138	374478	61.964	ng		95
63) Azobenzene	10.622	77	1497236	40.082	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	257695	58.235	ng		96
66) n-Nitrosodiphenylamine	10.580	169	1307870	43.903	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	448387	42.314	ng		98
68) Hexachlorobenzene	11.016	284	497585	44.468	ng		99
69) Atrazine	11.104	200	509505	62.195	ng		100
70) Pentachlorophenol	11.210	266	674642	95.061	ng		99
71) Phenanthrene	11.433	178	2199181	45.319	ng		99
72) Anthracene	11.486	178	2241244	46.083	ng		100
73) Carbazole	11.633	167	2005738	46.701	ng		100
74) Di-n-butylphthalate	11.969	149	2233666	41.030	ng		100
75) Fluoranthene	12.616	202	2316260	46.583	ng		99
77) Benzidine	12.739	184	732768	98.985	ng		100
78) Pyrene	12.845	202	2363583	46.408	ng		100
80) Butylbenzylphthalate	13.463	149	885352	47.846	ng		99
81) Benzo(a)anthracene	14.033	228	1768789	45.530	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	289893	26.009	ng		100
83) Chrysene	14.068	228	1641298	45.831	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1106877	48.040	ng		99
85) Di-n-octyl phthalate	14.633	149	1556856	45.133	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1646356	48.775	ng		98
88) Benzo(b)fluoranthene	15.086	252	1518600	42.058	ng		99
89) Benzo(k)fluoranthene	15.115	252	1391500	45.341	ng		99
90) Benzo(a)pyrene	15.457	252	1371079	47.348	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	1317720	47.827	ng		98
92) Benzo(g,h,i)perylene	17.462	276	1280496	45.366	ng		98

03/06/2025 Supervised By :Jagrut Upadhyay

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

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