Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142255.D
Acq On : 01 May 2025 12:39
Operator : RC/JU
Sample : PB167810BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 13:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167810BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
05/02/2025
Supervised By :Jagrut Upadhyay
05/02/2025
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05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228833	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	892782	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472284	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	804874	20.000	ng	0.00
76) Chrysene-d12	14.074	240	464382	20.000	ng	0.00
86) Perylene-d12	15.568	264	446826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1593182	111.191	ng	0.02
7) Phenol-d6	6.528	99	1946714	112.510	ng	0.00
23) Nitrobenzene-d5	7.469	82	1119930	82.412	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	568456	132.029	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2294519	68.501	ng	0.00
79) Terphenyl-d14	13.021	244	2366082	74.104	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	217494	33.987	ng	98
3) Pyridine	3.551	79	618200	37.171	ng	100
4) n-Nitrosodimethylamine	3.504	42	358234	41.623	ng	99
6) Aniline	6.569	93	471322	19.245	ng	100
8) 2-Chlorophenol	6.692	128	631635	42.661	ng	99
9) Benzaldehyde	6.457	77	305773	25.285	ng	98
10) Phenol	6.545	94	755191m	40.542	ng	
11) bis(2-Chloroethyl)ether	6.639	93	588988	40.804	ng	99
12) 1,3-Dichlorobenzene	6.851	146	659968	39.402	ng	98
13) 1,4-Dichlorobenzene	6.928	146	667827	39.574	ng	99
14) 1,2-Dichlorobenzene	7.075	146	650967	40.407	ng	99
15) Benzyl Alcohol	7.045	79	515024	41.969	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1072194	41.135	ng	100
17) 2-Methylphenol	7.151	107	497856	41.046	ng	99
18) Hexachloroethane	7.422	117	231050	41.832	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	427592	39.992	ng	99
20) 3+4-Methylphenols	7.304	107	618253	40.760	ng	92
22) Acetophenone	7.316	105	826671	40.025	ng	99
24) Nitrobenzene	7.492	77	610784	45.807	ng	99
25) Isophorone	7.728	82	1177064	41.271	ng	99
26) 2-Nitrophenol	7.804	139	256947	46.237	ng	99
27) 2,4-Dimethylphenol	7.839	122	602302	41.886	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	734241	40.821	ng	99
29) 2,4-Dichlorophenol	8.039	162	518664	43.143	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	544203	40.565	ng	99
31) Naphthalene	8.216	128	1769061	39.733	ng	100
32) Benzoic acid	7.945	122	321202m	47.181	ng	
33) 4-Chloroaniline	8.251	127	82158	4.431	ng	99
34) Hexachlorobutadiene	8.328	225	324756	41.492	ng	99
35) Caprolactam	8.622	113	163644m	45.287	ng	
36) 4-Chloro-3-methylphenol	8.733	107	523494	42.406	ng	99
37) 2-Methylnaphthalene	8.904	142	1090096	39.822	ng	99
38) 1-Methylnaphthalene	9.004	142	1143793	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524634	39.471	ng	99
41) Hexachlorocyclopentadiene	9.057	237	668416	88.607	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	357651	43.423	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	388570	44.872	ng		98
46) 1,1'-Biphenyl	9.369	154	1458088	39.713	ng		100
47) 2-Chloronaphthalene	9.392	162	1093139	40.017	ng		100
48) 2-Nitroaniline	9.486	65	321433	44.957	ng		99
49) Acenaphthylene	9.810	152	1847757	40.085	ng		100
50) Dimethylphthalate	9.669	163	1268421	41.981	ng		100
51) 2,6-Dinitrotoluene	9.727	165	263569	45.692	ng		98
52) Acenaphthene	9.980	154	1164359	43.261	ng		100
53) 3-Nitroaniline	9.892	138	98911	16.287	ng		95
54) 2,4-Dinitrophenol	9.998	184	196654	90.602	ng	#	18
55) Dibenzofuran	10.157	168	1606504	39.818	ng		100
56) 4-Nitrophenol	10.045	139	484293	101.975	ng		98
57) 2,4-Dinitrotoluene	10.133	165	350987	49.818	ng		98
58) Fluorene	10.498	166	1221943	39.832	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	330098	46.019	ng		99
60) Diethylphthalate	10.369	149	1267747	42.490	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	585254	40.172	ng		99
62) 4-Nitroaniline	10.510	138	286425	44.888	ng		99
63) Azobenzene	10.651	77	1208231	41.009	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	126239	47.699	ng		95
66) n-Nitrosodiphenylamine	10.610	169	1104532	40.164	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	373384	41.655	ng		98
68) Hexachlorobenzene	11.045	284	417991	41.636	ng		100
69) Atrazine	11.133	200	332195	45.827	ng		98
70) Pentachlorophenol	11.233	266	495448	93.418	ng		98
71) Phenanthrene	11.463	178	1740817	40.041	ng		100
72) Anthracene	11.510	178	1786049	40.180	ng		100
73) Carbazole	11.663	167	1677441	41.368	ng		100
74) Di-n-butylphthalate	11.998	149	1839790	45.113	ng		100
75) Fluoranthene	12.645	202	1819275	42.331	ng		99
77) Benzidine	12.763	184	347980	17.635	ng		98
78) Pyrene	12.880	202	1803569	42.103	ng		99
80) Butylbenzylphthalate	13.498	149	532587	45.667	ng		99
81) Benzo(a)anthracene	14.062	228	1330282	42.672	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	74664	8.154	ng		98
83) Chrysene	14.104	228	1152993	40.631	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	632694	39.646	ng		99
85) Di-n-octyl phthalate	14.674	149	1144596	39.690	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1374940	42.010	ng		100
88) Benzo(b)fluoranthene	15.127	252	1207610	43.510	ng		99
89) Benzo(k)fluoranthene	15.156	252	1003805	39.540	ng		99
90) Benzo(a)pyrene	15.504	252	1073003	42.227	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	1112811	41.894	ng		99
92) Benzo(g,h,i)perylene	17.539	276	1122234	42.026	ng		99

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

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