Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
Data File : BF144308.D
Acq On : 21 Nov 2025 15:03
Operator : RC/JU
Sample : PB170680BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 15:22:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/24/2025

Supervised By :mohammad ahmed

12/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	64009	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	246438	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	140544	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	217984	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	142234	20.000	ng		0.00
86) Perylene-d12	15.521	264	155457	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	456671	111.646	ng		0.00
7) Phenol-d6	6.504	99	516224	111.382	ng		0.00
23) Nitrobenzene-d5	7.428	82	339868	79.651	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	191999	108.864	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	715833	75.225	ng		0.00
79) Terphenyl-d14	12.980	244	660165	73.724	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	64026	37.861	ng		98
3) Pyridine	3.458	79	162199	34.379	ng		99
4) n-Nitrosodimethylamine	3.399	42	104069	42.229	ng		93
6) Aniline	6.528	93	198867	30.116	ng	#	82
8) 2-Chlorophenol	6.651	128	169500	42.255	ng		100
9) Benzaldehyde	6.416	77	61863	23.638	ng		97
10) Phenol	6.516	94	233466	41.229	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	173003	41.928	ng		96
12) 1,3-Dichlorobenzene	6.804	146	205702	41.557	ng		98
13) 1,4-Dichlorobenzene	6.881	146	208753	42.096	ng		99
14) 1,2-Dichlorobenzene	7.034	146	197704	41.594	ng		99
15) Benzyl Alcohol	7.010	79	160765	43.806	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	330320	43.472	ng		99
17) 2-Methylphenol	7.122	107	140121	43.909	ng		99
18) Hexachloroethane	7.375	117	68027	41.290	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	124886	40.932	ng		96
20) 3+4-Methylphenols	7.275	107	153802	40.885	ng	#	89
22) Acetophenone	7.275	105	247085	46.738	ng		98
24) Nitrobenzene	7.451	77	191184	41.267	ng		96
25) Isophorone	7.687	82	352408	43.663	ng		98
26) 2-Nitrophenol	7.763	139	101815	44.395	ng		97
27) 2,4-Dimethylphenol	7.798	122	161136	46.877	ng		100
28) bis(2-Chloroethoxy)met...	7.893	93	216863	43.028	ng		98
29) 2,4-Dichlorophenol	8.010	162	166845	42.113	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	173933	42.754	ng		98
31) Naphthalene	8.169	128	483112	41.211	ng		99
32) Benzoic acid	7.940	122	125872	49.956	ng		93
33) 4-Chloroaniline	8.216	127	115896	27.107	ng		99
34) Hexachlorobutadiene	8.281	225	120403	39.271	ng		98
35) Caprolactam	8.592	113	49480m	45.586	ng		
36) 4-Chloro-3-methylphenol	8.704	107	152030	42.818	ng		99
37) 2-Methylnaphthalene	8.857	142	300684	38.363	ng		100
38) 1-Methylnaphthalene	8.957	142	308586	40.804	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	199888	43.397	ng		99
41) Hexachlorocyclopentadiene	9.010	237	130397	74.531	ng		98
43) 2,4,6-Trichlorophenol	9.140	196	126701	40.415	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	134315	39.752	ng	99
46) 1,1'-Biphenyl	9.322	154	436053	44.448	ng	99
47) 2-Chloronaphthalene	9.351	162	338606	40.463	ng	99
48) 2-Nitroaniline	9.451	65	101038	41.845	ng	93
49) Acenaphthylene	9.769	152	524763	46.016	ng	99
50) Dimethylphthalate	9.628	163	393339	42.246	ng	99
51) 2,6-Dinitrotoluene	9.692	165	84134	44.638	ng	94
52) Acenaphthene	9.939	154	285957	37.498	ng	98
53) 3-Nitroaniline	9.863	138	64336	31.226	ng	93
54) 2,4-Dinitrophenol	9.975	184	97350	85.534	ng	96
55) Dibenzofuran	10.110	168	427759	40.051	ng	99
56) 4-Nitrophenol	10.034	139	105453	70.755	ng	97
57) 2,4-Dinitrotoluene	10.098	165	108823	43.129	ng	97
58) Fluorene	10.457	166	331046	40.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	101333	42.389	ng	98
60) Diethylphthalate	10.322	149	361154	42.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	181497	39.238	ng	99
62) 4-Nitroaniline	10.475	138	74093	37.761	ng	94
63) Azobenzene	10.604	77	337845	42.294	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	65201	44.030	ng	96
66) n-Nitrosodiphenylamine	10.563	169	324405	46.271	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	121149	43.542	ng	99
68) Hexachlorobenzene	11.004	284	144783	44.178	ng	96
69) Atrazine	11.092	200	99303	44.538	ng	99
70) Pentachlorophenol	11.204	266	136040	83.361	ng	97
71) Phenanthrene	11.422	178	467605	43.085	ng	100
72) Anthracene	11.469	178	463853	42.032	ng	99
73) Carbazole	11.628	167	395898	42.188	ng	99
74) Di-n-butylphthalate	11.951	149	494354	43.577	ng	99
75) Fluoranthene	12.610	202	460753	41.097	ng	99
77) Benzidine	12.733	184	82656	19.646	ng	99
78) Pyrene	12.839	202	459794	40.093	ng	99
80) Butylbenzylphthalate	13.451	149	168795	42.467	ng	99
81) Benzo(a)anthracene	14.033	228	434527	44.079	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	119890	35.481	ng	97
83) Chrysene	14.069	228	395046	43.411	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	233986	43.003	ng	99
85) Di-n-octyl phthalate	14.627	149	425538	45.329	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	445921	39.960	ng	98
88) Benzo(b)fluoranthene	15.086	252	472041	53.410	ng	100
89) Benzo(k)fluoranthene	15.121	252	426886	51.604	ng	98
90) Benzo(a)pyrene	15.463	252	423809	51.979	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	372033	41.512	ng	98
92) Benzo(g,h,i)perylene	17.474	276	352708	39.853	ng	99

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

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