Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	395071	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1598021	20.000	ng		0.00
39) Acenaphthene-d10	14.307	164	1009231	20.000	ng		-0.01
64) Phenanthrene-d10	17.119	188	2008992	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2004620	20.000	ng		0.02
86) Perylene-d12	24.895	264	2129528	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2905740	121.364	ng		0.00
7) Phenol-d6	6.855	99	3657597	120.024	ng		0.00
23) Nitrobenzene-d5	8.813	82	2071026	80.792	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	1378817	126.372	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	5200921	74.050	ng		-0.01
79) Terphenyl-d14	19.866	244	7852666	79.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	326802	32.378	ng		98
3) Pyridine	3.619	79	914026	31.856	ng		99
4) n-Nitrosodimethylamine	3.531	42	474046	41.222	ng		98
6) Aniline	7.013	93	1415390	34.801	ng		99
8) 2-Chlorophenol	7.249	128	1169712	44.119	ng		98
9) Benzaldehyde	6.825	77	501324	31.646	ng		96
10) Phenol	6.878	94	1448888	42.827	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	1056344	39.565	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1230567	40.416	ng		98
13) 1,4-Dichlorobenzene	7.713	146	1253086	40.705	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1212791	41.286	ng		99
15) Benzyl Alcohol	7.907	79	944591	42.997	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1613589	39.988	ng		99
17) 2-Methylphenol	8.113	107	976660	44.086	ng		99
18) Hexachloroethane	8.749	117	433237	41.127	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	796591	42.111	ng		99
20) 3+4-Methylphenols	8.437	107	1333675	43.275	ng		99
22) Acetophenone	8.490	105	1815154	44.913	ng	#	99
24) Nitrobenzene	8.860	77	1149562	42.474	ng		100
25) Isophorone	9.384	82	2275981	41.481	ng		100
26) 2-Nitrophenol	9.566	139	491470	49.259	ng		95
27) 2,4-Dimethylphenol	9.625	122	1107222	47.988	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1447720	41.867	ng		100
29) 2,4-Dichlorophenol	10.096	162	1096305	45.001	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	1127789	42.591	ng		99
31) Naphthalene	10.501	128	3508025	40.256	ng		100
32) Benzoic acid	9.760	122	804704	54.780	ng		96
33) 4-Chloroaniline	10.595	127	839001	25.055	ng		99
34) Hexachlorobutadiene	10.796	225	668366	39.720	ng		99
35) Caprolactam	11.360	113	371981m	43.481	ng		
36) 4-Chloro-3-methylphenol	11.725	107	1169039	45.776	ng		98
37) 2-Methylnaphthalene	12.113	142	2280926	37.397	ng		100
38) 1-Methylnaphthalene	12.331	142	2346181	39.596	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1368368	43.637	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1370080	119.415	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	865628	46.702	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	971919	45.954	ng		97
46)	1,1'-Biphenyl	13.137	154	3510801	45.431	ng		99
47)	2-Chloronaphthalene	13.172	162	2470353	40.630	ng		99
48)	2-Nitroaniline	13.366	65	686775	44.141	ng		99
49)	Acenaphthylene	14.025	152	4185681	47.233	ng		100
50)	Dimethylphthalate	13.766	163	3146994	42.869	ng		100
51)	2,6-Dinitrotoluene	13.878	165	648007	47.323	ng		99
52)	Acenaphthene	14.372	154	2411580	39.640	ng		99
53)	3-Nitroaniline	14.207	138	537488	33.351	ng	#	97
54)	2,4-Dinitrophenol	14.407	184	620525	90.756	ng		99
55)	Dibenzofuran	14.713	168	3707123	40.332	ng		99
56)	4-Nitrophenol	14.525	139	1280146	87.452	ng		98
57)	2,4-Dinitrotoluene	14.672	165	928820	46.248	ng		95
58)	Fluorene	15.378	166	2946984	40.924	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.948	232	817638	49.169	ng		99
60)	Diethylphthalate	15.166	149	3179916	43.088	ng		100
61)	4-Chlorophenyl-phenyle...	15.378	204	1424235	39.605	ng		99
62)	4-Nitroaniline	15.389	138	704598	44.917	ng		99
63)	Azobenzene	15.683	77	2854023	42.670	ng		98
65)	4,6-Dinitro-2-methylph...	15.454	198	418767	50.643	ng		95
66)	n-Nitrosodiphenylamine	15.601	169	2717880	43.269	ng		100
67)	4-Bromophenyl-phenylether	16.301	248	935632	41.985	ng		99
68)	Hexachlorobenzene	16.407	284	1040905	41.031	ng		97
69)	Atrazine	16.583	200	993937	46.907	ng		99
70)	Pentachlorophenol	16.766	266	1404655	90.648	ng		99
71)	Phenanthrene	17.166	178	4736449	40.506	ng		100
72)	Anthracene	17.266	178	4906737	42.332	ng		100
73)	Carbazole	17.536	167	4647037	42.353	ng		100
74)	Di-n-butylphthalate	18.154	149	5458434	44.459	ng		99
75)	Fluoranthene	19.260	202	5596306	41.027	ng		99
77)	Benzidine	19.454	184	2494908	49.033	ng		99
78)	Pyrene	19.642	202	5806155	42.824	ng		99
80)	Butylbenzylphthalate	20.607	149	2365907	46.828	ng		98
81)	Benzo(a)anthracene	21.560	228	5819805	42.248	ng		99
82)	3,3'-Dichlorobenzidine	21.483	252	1546719	34.849	ng		100
83)	Chrysene	21.630	228	5490666	42.078	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.524	149	3709522	46.029	ng		100
85)	Di-n-octyl phthalate	22.807	149	6086837	51.008	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.677	276	6974909	44.365	ng	#	92
88)	Benzo(b)fluoranthene	23.854	252	5796552	43.847	ng		100
89)	Benzo(k)fluoranthene	23.918	252	5951541	44.086	ng		100
90)	Benzo(a)pyrene	24.742	252	5611714	46.205	ng		99
91)	Dibenzo(a,h)anthracene	28.753	278	5751136	44.951	ng		99
92)	Benzo(g,h,i)perylene	29.847	276	5644301	45.845	ng		100

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

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