Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

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

Quant Time: Nov 03 17:55:42 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	7.684	152	345956	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1339139	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	838184	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1700831	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1741305	20.000	ng		0.01
86) Perylene-d12	24.901	264	1964578	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	1402287	66.885	ng		0.00
7) Phenol-d6	6.855	99	1788683	67.029	ng		0.00
23) Nitrobenzene-d5	8.819	82	990160	46.094	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	683138	75.388	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	2373751	40.694	ng		0.00
79) Terphenyl-d14	19.871	244	3672530	42.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	324097	36.669	ng		98
3) Pyridine	3.619	79	876612	34.889	ng		98
4) n-Nitrosodimethylamine	3.531	42	415005	41.211	ng		95
6) Aniline	7.013	93	1062972	29.847	ng		98
8) 2-Chlorophenol	7.255	128	1047831	45.133	ng		97
9) Benzaldehyde	6.831	77	578623	41.711	ng		96
10) Phenol	6.884	94	1266278	42.743	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	933173	39.913	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1112065	41.709	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1144096	42.441	ng		98
14) 1,2-Dichlorobenzene	8.031	146	1096934	42.643	ng		100
15) Benzyl Alcohol	7.913	79	834687	43.388	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.201	45	1317067	37.273	ng		98
17) 2-Methylphenol	8.119	107	849875	43.810	ng		98
18) Hexachloroethane	8.754	117	390595	42.343	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	677161	40.879	ng		97
20) 3+4-Methylphenols	8.437	107	1153310	42.735	ng		99
22) Acetophenone	8.490	105	1445488	42.681	ng	#	97
24) Nitrobenzene	8.860	77	998094	44.006	ng		98
25) Isophorone	9.390	82	1938648	42.164	ng		99
26) 2-Nitrophenol	9.566	139	516379	61.081	ng		97
27) 2,4-Dimethylphenol	9.637	122	968769	50.104	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1224727	42.266	ng		99
29) 2,4-Dichlorophenol	10.101	162	958620	46.956	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	1001794	45.147	ng		98
31) Naphthalene	10.496	128	3055988	41.848	ng		100
32) Benzoic acid	9.760	122	774891	60.501	ng		95
33) 4-Chloroaniline	10.601	127	510560	18.194	ng		99
34) Hexachlorobutadiene	10.795	225	598063	42.413	ng		99
35) Caprolactam	11.372	113	337662	47.099	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	1007525	47.078	ng		97
37) 2-Methylnaphthalene	12.119	142	1938577	37.929	ng		99
38) 1-Methylnaphthalene	12.342	142	2017843	40.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1077175	41.361	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1243244	130.473	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	782493	50.832	ng		99

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44) 2,4,5-Trichlorophenol	12.801	196	850932	48.444	ng	98
46) 1,1'-Biphenyl	13.142	154	2771814	43.188	ng	99
47) 2-Chloronaphthalene	13.178	162	2108910	41.763	ng	99
48) 2-Nitroaniline	13.378	65	621752	47.854	ng	99
49) Acenaphthylene	14.036	152	3660936	49.742	ng	100
50) Dimethylphthalate	13.778	163	2659719	43.625	ng	100
51) 2,6-Dinitrotoluene	13.884	165	571822	50.094	ng	97
52) Acenaphthene	14.389	154	2102593	41.614	ng	99
53) 3-Nitroaniline	14.207	138	377478	28.609	ng	99
54) 2,4-Dinitrophenol	14.425	184	591250	99.558	ng	98
55) Dibenzofuran	14.736	168	3263619	42.752	ng	98
56) 4-Nitrophenol	14.531	139	1170731	96.298	ng	97
57) 2,4-Dinitrotoluene	14.684	165	807931	48.292	ng	94
58) Fluorene	15.389	166	2584473	43.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	750291	54.326	ng	99
60) Diethylphthalate	15.178	149	2723574	44.435	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	1259202	42.161	ng	98
62) 4-Nitroaniline	15.401	138	618513	47.475	ng	95
63) Azobenzene	15.689	77	2620845	47.180	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	406212	56.067	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2332051	43.853	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	822145	43.577	ng	96
68) Hexachlorobenzene	16.413	284	926997	43.161	ng	99
69) Atrazine	16.589	200	872262	48.623	ng	98
70) Pentachlorophenol	16.766	266	1328307	101.252	ng	100
71) Phenanthrene	17.172	178	4173304	42.156	ng	100
72) Anthracene	17.266	178	4278369	43.598	ng	100
73) Carbazole	17.542	167	4064676	43.757	ng	99
74) Di-n-butylphthalate	18.148	149	4915908	47.295	ng	100
75) Fluoranthene	19.266	202	4951949	42.881	ng	98
77) Benzidine	19.460	184	2913359	65.915	ng	99
78) Pyrene	19.642	202	5196427	44.123	ng	100
80) Butylbenzylphthalate	20.613	149	2290813	51.809	ng	99
81) Benzo(a)anthracene	21.560	228	5148001	43.023	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1419085	36.808	ng	100
83) Chrysene	21.624	228	4879542	43.049	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3379081	48.142	ng	99
85) Di-n-octyl phthalate	22.807	149	5812672	56.076	ng	97
87) Indeno(1,2,3-cd)pyrene	28.671	276	6582442m	45.384	ng	
88) Benzo(b)fluoranthene	23.842	252	5232886	42.907	ng	100
89) Benzo(k)fluoranthene	23.918	252	5472430	43.941	ng	100
90) Benzo(a)pyrene	24.742	252	5194536	46.362	ng	100
91) Dibenzo(a,h)anthracene	28.765	278	5395679	45.714	ng	99
92) Benzo(g,h,i)perylene	29.842	276	5296260m	46.630	ng	

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

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