Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026241.D
Acq On : 05 Dec 2025 16:35
Operator : RC/JU
Sample : PB170836BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170836BS

Quant Time: Dec 05 17:00:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.655	152	246851	20.000	ng		0.00
21) Naphthalene-d8	10.419	136	958252	20.000	ng		0.00
39) Acenaphthene-d10	14.290	164	591037	20.000	ng		0.00
64) Phenanthrene-d10	17.084	188	1169642	20.000	ng		-0.01
76) Chrysene-d12	21.530	240	1334531	20.000	ng		0.00
86) Perylene-d12	24.836	264	1379478	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1799735	117.213	ng		0.00
7) Phenol-d6	6.837	99	2193583	113.179	ng		0.00
23) Nitrobenzene-d5	8.796	82	1283243	76.225	ng		0.00
42) 2,4,6-Tribromophenol	15.801	330	978150	127.260	ng		0.00
45) 2-Fluorobiphenyl	12.896	172	3294690	81.046	ng		0.00
79) Terphenyl-d14	19.830	244	5265729	80.648	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.214	88	217781	34.880	ng		96
3) Pyridine	3.608	79	514173	28.674	ng		99
4) n-Nitrosodimethylamine	3.514	42	261625	39.124	ng		96
6) Aniline	6.990	93	610424	24.002	ng		99
8) 2-Chlorophenol	7.225	128	727582	41.701	ng		99
9) Benzaldehyde	6.808	77	284887	27.266	ng		98
10) Phenol	6.866	94	836581	40.127	ng		98
11) bis(2-Chloroethyl)ether	7.084	93	632050	38.668	ng		98
12) 1,3-Dichlorobenzene	7.549	146	763708	40.450	ng		100
13) 1,4-Dichlorobenzene	7.690	146	789940	41.519	ng		100
14) 1,2-Dichlorobenzene	8.002	146	757964	41.503	ng		99
15) Benzyl Alcohol	7.890	79	570379	40.483	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	877668	38.471	ng		99
17) 2-Methylphenol	8.096	107	571964	40.422	ng		99
18) Hexachloroethane	8.725	117	277112	40.097	ng		97
19) n-Nitroso-di-n-propyla...	8.455	70	457382	38.283	ng		98
20) 3+4-Methylphenols	8.419	107	781143	39.978	ng		99
22) Acetophenone	8.460	105	1097177	45.139	ng	#	99
24) Nitrobenzene	8.831	77	687610	40.408	ng		100
25) Isophorone	9.360	82	1319296	39.944	ng		99
26) 2-Nitrophenol	9.537	139	362109	42.088	ng		98
27) 2,4-Dimethylphenol	9.602	122	634193	41.646	ng		96
28) bis(2-Chloroethoxy)met...	9.837	93	824490	39.721	ng		99
29) 2,4-Dichlorophenol	10.072	162	678138	43.697	ng		98
30) 1,2,4-Trichlorobenzene	10.284	180	717967	45.006	ng		99
31) Naphthalene	10.466	128	2119079	40.905	ng		99
32) Benzoic acid	9.737	122	494066	40.501	ng		99
33) 4-Chloroaniline	10.572	127	539805	24.872	ng		99
34) Hexachlorobutadiene	10.760	225	454402	43.626	ng		99
35) Caprolactam	11.354	113	212120	38.707	ng		96
36) 4-Chloro-3-methylphenol	11.713	107	687724	42.117	ng		97
37) 2-Methylnaphthalene	12.084	142	1360825	37.271	ng		99
38) 1-Methylnaphthalene	12.307	142	1407711	39.464	ng		100
40) 1,2,4,5-Tetrachloroben...	12.454	216	883405	48.963	ng		100
41) Hexachlorocyclopentadiene	12.443	237	902859	80.223	ng		99
43) 2,4,6-Trichlorophenol	12.696	196	552461	45.055	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	604939	44.297	ng		98
46) 1,1'-Biphenyl	13.101	154	2118580	47.470	ng		100
47) 2-Chloronaphthalene	13.143	162	1481147	42.124	ng		99
48) 2-Nitroaniline	13.343	65	409725	42.544	ng		96
49) Acenaphthylene	14.001	152	2476601	42.921	ng		99
50) Dimethylphthalate	13.737	163	1889650	42.908	ng		100
51) 2,6-Dinitrotoluene	13.848	165	410146	47.126	ng		97
52) Acenaphthene	14.348	154	1379964	40.901	ng		100
53) 3-Nitroaniline	14.178	138	322133	31.664	ng		98
54) 2,4-Dinitrophenol	14.390	184	367799	79.267	ng		100
55) Dibenzofuran	14.690	168	2228951	42.481	ng		99
56) 4-Nitrophenol	14.507	139	733523	80.748	ng		96
57) 2,4-Dinitrotoluene	14.654	165	577338	44.594	ng		95
58) Fluorene	15.348	166	1779817	42.878	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	537578	46.507	ng		99
60) Diethylphthalate	15.131	149	1903681	43.098	ng		100
61) 4-Chlorophenyl-phenyle...	15.348	204	899672	43.469	ng		98
62) 4-Nitroaniline	15.360	138	405058	38.363	ng		96
63) Azobenzene	15.654	77	1565123	42.139	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	303027	43.865	ng		96
66) n-Nitrosodiphenylamine	15.572	169	1604369	44.364	ng		99
67) 4-Bromophenyl-phenylether	16.266	248	591340	45.604	ng		98
68) Hexachlorobenzene	16.378	284	686475	45.552	ng		97
69) Atrazine	16.548	200	603675	44.397	ng		99
70) Pentachlorophenol	16.731	266	947333	90.614	ng		100
71) Phenanthrene	17.131	178	2877172	43.635	ng		100
72) Anthracene	17.225	178	2891480	43.054	ng		99
73) Carbazole	17.507	167	2745693	43.184	ng		100
74) Di-n-butylphthalate	18.107	149	3299537	43.926	ng		100
75) Fluoranthene	19.230	202	3452143	43.019	ng		98
77) Benzidine	19.425	184	583867	13.935	ng		99
78) Pyrene	19.601	202	3651758	41.991	ng		99
80) Butylbenzylphthalate	20.566	149	1614468	42.300	ng		99
81) Benzo(a)anthracene	21.513	228	3878508	42.367	ng		100
82) 3,3'-Dichlorobenzidine	21.442	252	1110348	33.336	ng		99
83) Chrysene	21.583	228	3751903	43.284	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2500838	43.560	ng		99
85) Di-n-octyl phthalate	22.736	149	4342059	42.899	ng		99
87) Indeno(1,2,3-cd)pyrene	28.565	276	4860849	46.624	ng	#	94
88) Benzo(b)fluoranthene	23.789	252	4092938	48.820	ng		99
89) Benzo(k)fluoranthene	23.854	252	4111490	49.026	ng		100
90) Benzo(a)pyrene	24.665	252	3915475	49.252	ng		99
91) Dibenzo(a,h)anthracene	28.636	278	4025300	47.205	ng		98
92) Benzo(g,h,i)perylene	29.742	276	3964946	46.642	ng		98

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

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