Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 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

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	413469	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1637380	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	1028881	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	2027304	20.000	ng		0.00
76) Chrysene-d12	21.571	240	2076514	20.000	ng		0.00
86) Perylene-d12	24.895	264	2253084	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2978067	118.851	ng		0.00
7) Phenol-d6	6.855	99	3763455	118.003	ng		0.00
23) Nitrobenzene-d5	8.813	82	2089943	79.570	ng		-0.01
42) 2,4,6-Tribromophenol	15.842	330	1372544	123.395	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	5359966	74.857	ng		0.00
79) Terphenyl-d14	19.866	244	7929727	77.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	350992	33.227	ng		99
3) Pyridine	3.619	79	976319	32.513	ng		98
4) n-Nitrosodimethylamine	3.537	42	503504	41.835	ng		97
6) Aniline	7.013	93	1407319	33.063	ng		100
8) 2-Chlorophenol	7.255	128	1188164	42.821	ng		99
9) Benzaldehyde	6.831	77	522361	31.507	ng		97
10) Phenol	6.878	94	1484026	41.913	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1099192	39.338	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1279343	40.148	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1304870	40.501	ng		100
14) 1,2-Dichlorobenzene	8.031	146	1245514	40.513	ng		99
15) Benzyl Alcohol	7.913	79	964164	41.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1654572	39.179	ng		99
17) 2-Methylphenol	8.113	107	990544	42.724	ng		100
18) Hexachloroethane	8.749	117	438887	39.810	ng		95
19) n-Nitroso-di-n-propyla...	8.478	70	800347	40.426	ng		99
20) 3+4-Methylphenols	8.437	107	1348471	41.808	ng		99
22) Acetophenone	8.490	105	1877199	45.332	ng	#	99
24) Nitrobenzene	8.860	77	1166891	42.078	ng		99
25) Isophorone	9.390	82	2315399	41.185	ng		100
26) 2-Nitrophenol	9.566	139	474639	46.582	ng		98
27) 2,4-Dimethylphenol	9.631	122	1132373	47.898	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	1468692	41.453	ng		100
29) 2,4-Dichlorophenol	10.096	162	1111034	44.509	ng		98
30) 1,2,4-Trichlorobenzene	10.319	180	1151117	42.427	ng		99
31) Naphthalene	10.501	128	3574182	40.029	ng		100
32) Benzoic acid	9.766	122	816691	54.405	ng		96
33) 4-Chloroaniline	10.601	127	897215	26.149	ng		100
34) Hexachlorobutadiene	10.796	225	680572	39.473	ng		99
35) Caprolactam	11.372	113	373324m	42.589	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1181240	45.142	ng		98
37) 2-Methylnaphthalene	12.119	142	2286221	36.583	ng		99
38) 1-Methylnaphthalene	12.348	142	2395129	39.450	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1378808	43.130	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1343156	114.832	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	868821	45.979	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	977044	45.314	ng	98
46) 1,1'-Biphenyl	13.142	154	3555466	45.130	ng	100
47) 2-Chloronaphthalene	13.178	162	2488428	40.146	ng	100
48) 2-Nitroaniline	13.384	65	682129	43.080	ng	99
49) Acenaphthylene	14.037	152	4302294	47.621	ng	100
50) Dimethylphthalate	13.778	163	3165660	42.299	ng	99
51) 2,6-Dinitrotoluene	13.884	165	653607	46.852	ng	98
52) Acenaphthene	14.389	154	2764412	44.572	ng	100
53) 3-Nitroaniline	14.207	138	550674	33.504	ng	98
54) 2,4-Dinitrophenol	14.425	184	618650	89.390	ng	99
55) Dibenzofuran	14.731	168	3838967	40.968	ng	99
56) 4-Nitrophenol	14.525	139	1284695	86.087	ng	96
57) 2,4-Dinitrotoluene	14.678	165	933286	45.627	ng	99
58) Fluorene	15.389	166	3014436	41.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	823548	48.579	ng	99
60) Diethylphthalate	15.178	149	3185892	42.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1468638	40.060	ng	99
62) 4-Nitroaniline	15.401	138	736751	46.069	ng	99
63) Azobenzene	15.683	77	2930458	42.976	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	418402	50.265	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2758017	43.511	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	958809	42.636	ng	99
68) Hexachlorobenzene	16.419	284	1062593	41.507	ng	99
69) Atrazine	16.595	200	990002	46.299	ng	99
70) Pentachlorophenol	16.772	266	1409042	90.109	ng	98
71) Phenanthrene	17.172	178	4887342	41.418	ng	99
72) Anthracene	17.272	178	4994409	42.699	ng	100
73) Carbazole	17.542	167	4798722	43.340	ng	99
74) Di-n-butylphthalate	18.148	149	5476816	44.206	ng	99
75) Fluoranthene	19.266	202	5695428	41.377	ng	99
77) Benzidine	19.454	184	2560522	48.580	ng	100
78) Pyrene	19.636	202	5922117	42.167	ng	99
80) Butylbenzylphthalate	20.601	149	2346780	44.985	ng	98
81) Benzo(a)anthracene	21.554	228	6005581	42.088	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1521050	33.084	ng	99
83) Chrysene	21.624	228	5583127	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3535330	42.556	ng	99
85) Di-n-octyl phthalate	22.807	149	5930535	47.977	ng	100
87) Indeno(1,2,3-cd)pyrene	28.677	276	7311036m	43.953	ng	
88) Benzo(b)fluoranthene	23.842	252	6092278	43.557	ng	99
89) Benzo(k)fluoranthene	23.912	252	6221199	43.556	ng	99
90) Benzo(a)pyrene	24.742	252	5887209	45.816	ng	100
91) Dibenzo(a,h)anthracene	28.753	278	6034680	44.581	ng	98
92) Benzo(g,h,i)perylene	29.836	276	5887221	45.196	ng	98

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

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