Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026228.D
Acq On : 03 Dec 2025 15:37
Operator : RC/JU
Sample : PB170806BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170806BS

Quant Time: Dec 03 15:58:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	309942	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1191785	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	676555	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1185641	20.000	ng	-0.03
76) Chrysene-d12	21.536	240	1244712	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1503928	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2351972	121.801	ng	0.00
7) Phenol-d6	6.843	99	2803525	114.043	ng	-0.01
23) Nitrobenzene-d5	8.801	82	1680758	80.107	ng	-0.01
42) 2,4,6-Tribromophenol	15.819	330	1053943	120.086	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	4038711	87.489	ng	-0.03
79) Terphenyl-d14	19.836	244	5117108	83.827	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	277159	35.387	ng	98
3) Pyridine	3.613	79	722834	31.935	ng	98
4) n-Nitrosodimethylamine	3.519	42	355855	42.066	ng	92
6) Aniline	6.996	93	800239	24.655	ng	98
8) 2-Chlorophenol	7.231	128	943132	42.909	ng	99
9) Benzaldehyde	6.807	77	377755	29.323	ng	99
10) Phenol	6.872	94	1067456	40.308	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	822539	39.668	ng	98
12) 1,3-Dichlorobenzene	7.554	146	1007865	42.562	ng	99
13) 1,4-Dichlorobenzene	7.696	146	1030998	43.208	ng	99
14) 1,2-Dichlorobenzene	8.007	146	983884	42.940	ng	100
15) Benzyl Alcohol	7.896	79	723702	40.184	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1155143	39.667	ng	100
17) 2-Methylphenol	8.095	107	731365	40.569	ng	98
18) Hexachloroethane	8.725	117	370514	42.676	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	580681	38.022	ng	98
20) 3+4-Methylphenols	8.419	107	970777	38.861	ng	99
22) Acetophenone	8.472	105	1263085	41.696	ng	100
24) Nitrobenzene	8.843	77	892432	42.049	ng	99
25) Isophorone	9.366	82	1635030	39.309	ng	98
26) 2-Nitrophenol	9.542	139	469644	43.731	ng	98
27) 2,4-Dimethylphenol	9.607	122	789292	40.759	ng	100
28) bis(2-Chloroethoxy)met...	9.842	93	1037708	39.835	ng	99
29) 2,4-Dichlorophenol	10.078	162	833055	43.041	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	912183	46.283	ng	99
31) Naphthalene	10.472	128	2655431	41.227	ng	99
32) Benzoic acid	9.754	122	566261	34.724	ng	99
33) 4-Chloroaniline	10.578	127	436264	15.927	ng	100
34) Hexachlorobutadiene	10.766	225	583908	45.553	ng	99
35) Caprolactam	11.366	113	231790	33.445	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	786376	38.227	ng	99
37) 2-Methylnaphthalene	12.095	142	1662178	36.402	ng	99
38) 1-Methylnaphthalene	12.313	142	1719982	38.537	ng	100
40) 1,2,4,5-Tetrachloroben...	12.466	216	976919	47.754	ng	100
41) Hexachlorocyclopentadiene	12.454	237	1276637	95.353	ng	99
43) 2,4,6-Trichlorophenol	12.713	196	634207	45.220	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	680997	43.500	ng		100
46) 1,1'-Biphenyl	13.113	154	2257555	44.314	ng		99
47) 2-Chloronaphthalene	13.154	162	1759825	43.929	ng		99
48) 2-Nitroaniline	13.360	65	452166	40.589	ng		95
49) Acenaphthylene	14.019	152	2863344	43.332	ng		100
50) Dimethylphthalate	13.760	163	2060266	40.772	ng		100
51) 2,6-Dinitrotoluene	13.860	165	446741	44.618	ng		99
52) Acenaphthene	14.360	154	1610611	41.592	ng		99
53) 3-Nitroaniline	14.189	138	276471	23.451	ng		98
54) 2,4-Dinitrophenol	14.413	184	493084	81.581	ng		96
55) Dibenzofuran	14.713	168	2536964	42.298	ng		100
56) 4-Nitrophenol	14.519	139	723816	67.868	ng		95
57) 2,4-Dinitrotoluene	14.666	165	604693	40.447	ng		100
58) Fluorene	15.360	166	1974696	41.654	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.930	232	572511	43.107	ng		99
60) Diethylphthalate	15.142	149	1982071	38.938	ng		99
61) 4-Chlorophenyl-phenyle...	15.360	204	991928	42.052	ng		99
62) 4-Nitroaniline	15.377	138	390914	31.932	ng		96
63) Azobenzene	15.660	77	1737479	40.481	ng		99
65) 4,6-Dinitro-2-methylph...	15.442	198	327151	43.433	ng		98
66) n-Nitrosodiphenylamine	15.577	169	1705001	46.487	ng		99
67) 4-Bromophenyl-phenylether	16.272	248	628819	47.889	ng		97
68) Hexachlorobenzene	16.389	284	723287	47.471	ng		98
69) Atrazine	16.566	200	616251	44.558	ng		99
70) Pentachlorophenol	16.742	266	944002	88.571	ng		99
71) Phenanthrene	17.148	178	2935912	43.957	ng		100
72) Anthracene	17.236	178	2983915	43.802	ng		100
73) Carbazole	17.524	167	2701457	41.752	ng		100
74) Di-n-butylphthalate	18.119	149	3264338	42.557	ng		100
75) Fluoranthene	19.230	202	3369231	41.519	ng		99
77) Benzidine	19.424	184	925227	23.422	ng		99
78) Pyrene	19.607	202	3510316	43.012	ng		99
80) Butylbenzylphthalate	20.571	149	1550064	43.127	ng		98
81) Benzo(a)anthracene	21.518	228	3706634	43.360	ng		100
82) 3,3'-Dichlorobenzidine	21.436	252	956219	30.759	ng		98
83) Chrysene	21.583	228	3506793	43.528	ng		99
84) Bis(2-ethylhexyl)phtha...	21.477	149	2327961	42.788	ng		100
85) Di-n-octyl phthalate	22.736	149	4298453	45.182	ng		99
87) Indeno(1,2,3-cd)pyrene	28.565	276	5262710	46.659	ng	#	93
88) Benzo(b)fluoranthene	23.777	252	4078577	44.532	ng		99
89) Benzo(k)fluoranthene	23.859	252	4220078	46.132	ng		99
90) Benzo(a)pyrene	24.671	252	4008699	46.208	ng		99
91) Dibenzo(a,h)anthracene	28.653	278	4282216	46.380	ng		99
92) Benzo(g,h,i)perylene	29.718	276	4283832	46.680	ng		99

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

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