Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026200.D
Acq On : 01 Dec 2025 16:12
Operator : RC/JU
Sample : PB170743BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170743BSD

Quant Time: Dec 01 16:32:31 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	7.661	152	243412	20.000	ng	-0.01
21) Naphthalene-d8	10.431	136	964799	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	610781	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1231503	20.000	ng	-0.03
76) Chrysene-d12	21.542	240	1436794	20.000	ng	-0.03
86) Perylene-d12	24.824	264	1553840	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1879878	123.961	ng	0.00
7) Phenol-d6	6.843	99	2328326	120.600	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1371476	80.745	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	1043595	131.712	ng	-0.02
45) 2-Fluorobiphenyl	12.896	172	3432143	82.356	ng	-0.04
79) Terphenyl-d14	19.836	244	5775360	81.962	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	222815	36.224	ng	97
3) Pyridine	3.608	79	591439	33.272	ng	99
4) n-Nitrosodimethylamine	3.514	42	287527	43.279	ng	90
6) Aniline	6.996	93	628504	24.656	ng	99
8) 2-Chlorophenol	7.231	128	751059	43.510	ng	100
9) Benzaldehyde	6.808	77	303547	30.003	ng	99
10) Phenol	6.867	94	888354	42.713	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	656335	40.304	ng	99
12) 1,3-Dichlorobenzene	7.549	146	801741	43.111	ng	99
13) 1,4-Dichlorobenzene	7.696	146	817996	43.651	ng	100
14) 1,2-Dichlorobenzene	8.008	146	787900	43.785	ng	100
15) Benzyl Alcohol	7.896	79	588375	41.599	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	940138	41.108	ng	100
17) 2-Methylphenol	8.096	107	599551	42.347	ng	98
18) Hexachloroethane	8.731	117	289726	42.492	ng	98
19) n-Nitroso-di-n-propyla...	8.455	70	477330	39.798	ng	99
20) 3+4-Methylphenols	8.419	107	810192	41.297	ng	98
22) Acetophenone	8.466	105	1034945	42.203	ng	99
24) Nitrobenzene	8.843	77	722363	42.044	ng	99
25) Isophorone	9.366	82	1353529	40.197	ng	99
26) 2-Nitrophenol	9.549	139	365988	42.097	ng	97
27) 2,4-Dimethylphenol	9.613	122	667346	42.569	ng	100
28) bis(2-Chloroethoxy)met...	9.849	93	859423	40.753	ng	100
29) 2,4-Dichlorophenol	10.078	162	694850	44.347	ng	99
30) 1,2,4-Trichlorobenzene	10.296	180	728745	45.674	ng	100
31) Naphthalene	10.478	128	2211515	42.413	ng	100
32) Benzoic acid	9.749	122	478816	36.269	ng	99
33) 4-Chloroaniline	10.584	127	460329	20.760	ng	99
34) Hexachlorobutadiene	10.772	225	461244	44.449	ng	99
35) Caprolactam	11.355	113	229558	40.916	ng	98
36) 4-Chloro-3-methylphenol	11.713	107	722189	43.366	ng	99
37) 2-Methylnaphthalene	12.090	142	1413582	38.241	ng	99
38) 1-Methylnaphthalene	12.313	142	1462741	40.484	ng	100
40) 1,2,4,5-Tetrachloroben...	12.466	216	812406	43.989	ng	99
41) Hexachlorocyclopentadiene	12.454	237	1026332	84.913	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	567501	44.822	ng	100

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.784	196	634211	44.874	ng		97
46) 1,1'-Biphenyl	13.119	154	2009532	43.694	ng		100
47) 2-Chloronaphthalene	13.154	162	1535197	42.449	ng		100
48) 2-Nitroaniline	13.354	65	441674	43.917	ng		96
49) Acenaphthylene	14.013	152	2632147	44.123	ng		100
50) Dimethylphthalate	13.748	163	1994446	43.720	ng		99
51) 2,6-Dinitrotoluene	13.854	165	426202	47.150	ng		97
52) Acenaphthene	14.354	154	1499767	42.900	ng		100
53) 3-Nitroaniline	14.190	138	282615	26.554	ng		98
54) 2,4-Dinitrophenol	14.396	184	506282	92.786	ng		94
55) Dibenzofuran	14.695	168	2363467	43.649	ng		99
56) 4-Nitrophenol	14.519	139	797065	82.785	ng		95
57) 2,4-Dinitrotoluene	14.654	165	623516	46.197	ng		98
58) Fluorene	15.360	166	1902480	44.452	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.931	232	559417	46.657	ng		100
60) Diethylphthalate	15.143	149	2003605	43.599	ng		99
61) 4-Chlorophenyl-phenyle...	15.354	204	937558	44.028	ng		98
62) 4-Nitroaniline	15.372	138	423958	38.361	ng		97
63) Azobenzene	15.654	77	1722882	44.463	ng		99
65) 4,6-Dinitro-2-methylph...	15.437	198	339740	43.425	ng		98
66) n-Nitrosodiphenylamine	15.578	169	1715412	45.029	ng		100
67) 4-Bromophenyl-phenylether	16.272	248	603852	44.275	ng		98
68) Hexachlorobenzene	16.384	284	711154	44.936	ng		98
69) Atrazine	16.560	200	648677	45.156	ng		98
70) Pentachlorophenol	16.742	266	996607	90.024	ng		99
71) Phenanthrene	17.148	178	3086220	44.487	ng		99
72) Anthracene	17.237	178	3130570	44.244	ng		100
73) Carbazole	17.513	167	3042443	45.271	ng		100
74) Di-n-butylphthalate	18.125	149	3600782	45.195	ng		100
75) Fluoranthene	19.236	202	3761398	44.625	ng		100
77) Benzidine	19.425	184	1037654	22.757	ng		98
78) Pyrene	19.613	202	3995937	42.416	ng		99
80) Butylbenzylphthalate	20.572	149	1784172	43.005	ng		100
81) Benzo(a)anthracene	21.525	228	4282011	43.394	ng		100
82) 3,3'-Dichlorobenzidine	21.436	252	983479	27.407	ng		98
83) Chrysene	21.589	228	4061699	43.676	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2673542	42.570	ng		99
85) Di-n-octyl phthalate	22.748	149	4620921	42.078	ng		100
87) Indeno(1,2,3-cd)pyrene	28.589	276	5341745	45.839	ng	#	93
88) Benzo(b)fluoranthene	23.795	252	4325275	45.709	ng		99
89) Benzo(k)fluoranthene	23.866	252	4399795	46.552	ng		99
90) Benzo(a)pyrene	24.683	252	4142759	46.219	ng		99
91) Dibenzo(a,h)anthracene	28.659	278	4363558	45.742	ng		99
92) Benzo(g,h,i)perylene	29.712	276	4306263	45.417	ng		99

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

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