Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026236.D
Acq On : 03 Dec 2025 21:05
Operator : RC/JU
Sample : Q3741-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MS

Quant Time: Dec 04 00:06:53 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	313434	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1249991	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	745833	20.000	ng	-0.04
64) Phenanthrene-d10	17.078	188	1318463	20.000	ng	-0.05
76) Chrysene-d12	21.525	240	1246073	20.000	ng	-0.05
86) Perylene-d12	24.819	264	1483998	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1154311	59.112	ng	0.00
7) Phenol-d6	6.849	99	1963983	79.002	ng	0.00
23) Nitrobenzene-d5	8.802	82	1241260	56.406	ng	-0.01
42) 2,4,6-Tribromophenol	15.795	330	491250	50.774	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	3086393	60.649	ng	-0.04
79) Terphenyl-d14	19.819	244	3883780	63.553	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	300166	37.898	ng	97
3) Pyridine	3.614	79	823933	35.996	ng	99
4) n-Nitrosodimethylamine	3.520	42	365986	42.782	ng	93
6) Aniline	6.996	93	529083	16.119	ng	99
8) 2-Chlorophenol	7.237	128	1013234	45.585	ng	99
9) Benzaldehyde	6.814	77	709595	54.468	ng	99
10) Phenol	6.872	94	1187672	44.348	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	925121	44.118	ng	98
12) 1,3-Dichlorobenzene	7.555	146	1079728	45.089	ng	99
13) 1,4-Dichlorobenzene	7.690	146	1092256	45.265	ng	99
14) 1,2-Dichlorobenzene	8.008	146	1059078	45.707	ng	99
15) Benzyl Alcohol	7.896	79	804023	44.146	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1196467	40.628	ng	99
17) 2-Methylphenol	8.102	107	818204	44.880	ng	99
18) Hexachloroethane	8.731	117	389641	44.379	ng	94
19) n-Nitroso-di-n-propyla...	8.461	70	640443	41.468	ng	99
20) 3+4-Methylphenols	8.425	107	1088661	43.094	ng	99
22) Acetophenone	8.472	105	1370538	43.137	ng	100
24) Nitrobenzene	8.843	77	963384	43.279	ng	99
25) Isophorone	9.366	82	1828275	41.908	ng	99
26) 2-Nitrophenol	9.543	139	516683	45.871	ng	97
27) 2,4-Dimethylphenol	9.613	122	912013	44.903	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	1157496	42.364	ng	99
29) 2,4-Dichlorophenol	10.078	162	949384	46.768	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	998954	48.325	ng	99
31) Naphthalene	10.472	128	2998003	44.379	ng	99
32) Benzoic acid	9.755	122	628601	36.752	ng	99
33) 4-Chloroaniline	10.584	127	275102	9.576	ng	100
34) Hexachlorobutadiene	10.766	225	638885	47.521	ng	99
35) Caprolactam	11.366	113	272218	37.449	ng	99
36) 4-Chloro-3-methylphenol	11.713	107	938148	43.481	ng	99
37) 2-Methylnaphthalene	12.090	142	1930370	40.306	ng	99
38) 1-Methylnaphthalene	12.307	142	2010001	42.938	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	1124250	49.851	ng	100
41) Hexachlorocyclopentadiene	12.449	237	1228806	83.255	ng	100
43) 2,4,6-Trichlorophenol	12.707	196	750595	48.548	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	815293	47.241	ng		98
46) 1,1'-Biphenyl	13.113	154	2617261	46.603	ng		99
47) 2-Chloronaphthalene	13.154	162	2052189	46.469	ng		100
48) 2-Nitroaniline	13.349	65	529793	43.140	ng		97
49) Acenaphthylene	14.001	152	3432258	47.117	ng		99
50) Dimethylphthalate	13.743	163	2448681	43.957	ng		100
51) 2,6-Dinitrotoluene	13.854	165	534714	48.443	ng		97
52) Acenaphthene	14.349	154	1922197	45.027	ng		100
53) 3-Nitroaniline	14.184	138	180809	13.912	ng		98
54) 2,4-Dinitrophenol	14.390	184	476828	71.564	ng		97
55) Dibenzofuran	14.690	168	3024370	45.741	ng		99
56) 4-Nitrophenol	14.513	139	838681	71.334	ng		94
57) 2,4-Dinitrotoluene	14.648	165	719135	43.634	ng		99
58) Fluorene	15.348	166	2360135	45.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	683595	46.690	ng		99
60) Diethylphthalate	15.131	149	2408887	42.927	ng		100
61) 4-Chlorophenyl-phenyle...	15.348	204	1172218	45.080	ng		98
62) 4-Nitroaniline	15.360	138	420856	31.185	ng		95
63) Azobenzene	15.643	77	2228100	47.089	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	355941	42.495	ng		99
66) n-Nitrosodiphenylamine	15.560	169	2037328	49.952	ng		100
67) 4-Bromophenyl-phenylether	16.254	248	760025	52.051	ng		99
68) Hexachlorobenzene	16.372	284	863379	50.957	ng		99
69) Atrazine	16.543	200	721047	46.883	ng		99
70) Pentachlorophenol	16.725	266	1103762	93.128	ng		99
71) Phenanthrene	17.125	178	4188721	56.397	ng		100
72) Anthracene	17.219	178	3646141	48.131	ng		99
73) Carbazole	17.495	167	3204127	44.533	ng		99
74) Di-n-butylphthalate	18.101	149	3886458	45.563	ng		100
75) Fluoranthene	19.213	202	4899352	54.292	ng		99
77) Benzidine	19.413	184	1208779	30.567	ng		99
78) Pyrene	19.589	202	4896523	59.931	ng		99
80) Butylbenzylphthalate	20.560	149	1732728	48.157	ng		99
81) Benzo(a)anthracene	21.507	228	4408419	51.513	ng		100
82) 3,3'-Dichlorobenzidine	21.430	252	557720	17.921	ng		99
83) Chrysene	21.566	228	4306722	53.399	ng		99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2483462	45.596	ng		100
85) Di-n-octyl phthalate	22.730	149	4242545	44.546	ng		98
87) Indeno(1,2,3-cd)pyrene	28.554	276	5678546	51.022	ng	#	94
88) Benzo(b)fluoranthene	23.783	252	4894666	54.160	ng		99
89) Benzo(k)fluoranthene	23.854	252	4551117	50.419	ng		100
90) Benzo(a)pyrene	24.666	252	4727132	55.221	ng		99
91) Dibenzo(a,h)anthracene	28.630	278	4466977	49.030	ng		98
92) Benzo(g,h,i)perylene	29.724	276	4778559	52.770	ng		98

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

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