Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026110.D
Acq On : 12 Nov 2025 12:58
Operator : RC/JU
Sample : PB170495BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170495BS

Quant Time: Nov 12 13:25:23 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	285824	20.000	ng		-0.02
21) Naphthalene-d8	10.442	136	1188274	20.000	ng		-0.01
39) Acenaphthene-d10	14.319	164	809687	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1682109	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1697245	20.000	ng		0.02
86) Perylene-d12	24.906	264	1847927	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2272385	131.188	ng		0.00
7) Phenol-d6	6.854	99	2934866	133.118	ng		0.00
23) Nitrobenzene-d5	8.813	82	1650451	86.587	ng		-0.01
42) 2,4,6-Tribromophenol	15.836	330	1340433	153.131	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	4359901	77.374	ng		-0.01
79) Terphenyl-d14	19.871	244	7160624	85.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	252748	34.612	ng		97
3) Pyridine	3.619	79	697272	33.590	ng		95
4) n-Nitrosodimethylamine	3.525	42	328494	39.483	ng		89
6) Aniline	7.007	93	816600	27.753	ng		99
8) 2-Chlorophenol	7.248	128	926691	48.313	ng		96
9) Benzaldehyde	6.825	77	366500	31.978	ng		96
10) Phenol	6.878	94	1135492	46.392	ng		99
11) bis(2-Chloroethyl)ether	7.101	93	813086	42.094	ng		98
12) 1,3-Dichlorobenzene	7.566	146	939141	42.634	ng		99
13) 1,4-Dichlorobenzene	7.707	146	961081	43.152	ng		100
14) 1,2-Dichlorobenzene	8.019	146	929037	43.715	ng		100
15) Benzyl Alcohol	7.907	79	756939	47.624	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.195	45	1103529	37.800	ng		97
17) 2-Methylphenol	8.107	107	781689	48.772	ng		99
18) Hexachloroethane	8.742	117	334195	43.851	ng		99
19) n-Nitroso-di-n-propyla...	8.472	70	605375	44.234	ng		96
20) 3+4-Methylphenols	8.437	107	1067586	47.881	ng		100
22) Acetophenone	8.484	105	1410711	46.942	ng	#	96
24) Nitrobenzene	8.854	77	890328	44.239	ng		98
25) Isophorone	9.378	82	1745004	42.771	ng		99
26) 2-Nitrophenol	9.560	139	456632	60.881	ng		95
27) 2,4-Dimethylphenol	9.625	122	889454	51.843	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1117631	43.467	ng		99
29) 2,4-Dichlorophenol	10.095	162	911319	50.307	ng		99
30) 1,2,4-Trichlorobenzene	10.307	180	880824	44.735	ng		97
31) Naphthalene	10.489	128	2705315	41.749	ng		99
32) Benzoic acid	9.766	122	779950	66.135	ng		95
33) 4-Chloroaniline	10.589	127	492433	19.776	ng		98
34) Hexachlorobutadiene	10.789	225	535387	42.788	ng		99
35) Caprolactam	11.366	113	318685	50.096	ng	#	85
36) 4-Chloro-3-methylphenol	11.731	107	963720	50.749	ng		97
37) 2-Methylnaphthalene	12.113	142	1788862	39.443	ng		99
38) 1-Methylnaphthalene	12.330	142	1865161	42.332	ng		98
40) 1,2,4,5-Tetrachloroben...	12.483	216	1122008	44.598	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1181760	128.385	ng		95
43) 2,4,6-Trichlorophenol	12.725	196	755185	50.784	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	850632	50.131	ng		98
46) 1,1'-Biphenyl	13.130	154	2818338	45.458	ng		99
47) 2-Chloronaphthalene	13.172	162	1993141	40.860	ng		99
48) 2-Nitroaniline	13.372	65	592276	47.230	ng		97
49) Acenaphthylene	14.036	152	3429682	48.240	ng		100
50) Dimethylphthalate	13.772	163	2618671	44.463	ng		100
51) 2,6-Dinitrotoluene	13.872	165	576466	52.147	ng		97
52) Acenaphthene	14.383	154	1938954	39.726	ng		99
53) 3-Nitroaniline	14.207	138	386623	30.175	ng	#	96
54) 2,4-Dinitrophenol	14.419	184	636650	107.016	ng		98
55) Dibenzofuran	14.724	168	3118601	42.290	ng		99
56) 4-Nitrophenol	14.530	139	1128676	96.106	ng		98
57) 2,4-Dinitrotoluene	14.683	165	826305	50.947	ng		92
58) Fluorene	15.383	166	2490773	43.113	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	747154	56.003	ng		98
60) Diethylphthalate	15.166	149	2648433	44.730	ng		100
61) 4-Chlorophenyl-phenyle...	15.389	204	1222047	42.358	ng		97
62) 4-Nitroaniline	15.401	138	617116	49.035	ng		95
63) Azobenzene	15.689	77	2289685	42.669	ng		95
65) 4,6-Dinitro-2-methylph...	15.460	198	439091	59.877	ng		89
66) n-Nitrosodiphenylamine	15.601	169	2303774	43.803	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	811909	43.513	ng		98
68) Hexachlorobenzene	16.419	284	935744	44.053	ng		98
69) Atrazine	16.583	200	873772	49.249	ng		98
70) Pentachlorophenol	16.771	266	1310500	101.006	ng		99
71) Phenanthrene	17.171	178	4045935	41.324	ng		99
72) Anthracene	17.266	178	4113952	42.389	ng		100
73) Carbazole	17.548	167	3992265	43.456	ng		100
74) Di-n-butylphthalate	18.160	149	4820022	46.888	ng		100
75) Fluoranthene	19.271	202	4922159	43.097	ng		98
77) Benzidine	19.465	184	1251511	29.051	ng		99
78) Pyrene	19.648	202	5059343	44.074	ng		99
80) Butylbenzylphthalate	20.612	149	2205768	51.221	ng		98
81) Benzo(a)anthracene	21.565	228	5071165	43.481	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1160982	30.895	ng		100
83) Chrysene	21.630	228	4730138	42.814	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	3264722	47.743	ng	#	98
85) Di-n-octyl phthalate	22.812	149	5627410	55.698	ng		96
87) Indeno(1,2,3-cd)pyrene	28.712	276	6135970	44.976	ng		99
88) Benzo(b)fluoranthene	23.859	252	5108285	44.529	ng		100
89) Benzo(k)fluoranthene	23.936	252	5219228	44.553	ng		100
90) Benzo(a)pyrene	24.759	252	4872113	46.229	ng		100
91) Dibenzo(a,h)anthracene	28.794	278	5046076	45.451	ng		100
92) Benzo(g,h,i)perylene	29.865	276	4947140	46.306	ng		98

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

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