Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026237.D
Acq On : 03 Dec 2025 21:46
Operator : RC/JU
Sample : Q3741-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525MSD

Quant Time: Dec 04 00:08:02 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	7.655	152	295680	20.000	ng		-0.02
21) Naphthalene-d8	10.419	136	1135347	20.000	ng		-0.03
39) Acenaphthene-d10	14.284	164	627837	20.000	ng		-0.04
64) Phenanthrene-d10	17.084	188	1150582	20.000	ng		-0.05
76) Chrysene-d12	21.536	240	1237506	20.000	ng		-0.03
86) Perylene-d12	24.830	264	1496005	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1014687	55.082	ng		0.00
7) Phenol-d6	6.837	99	1696400	72.335	ng		-0.02
23) Nitrobenzene-d5	8.796	82	1075173	53.792	ng		-0.02
42) 2,4,6-Tribromophenol	15.801	330	395326	48.539	ng		-0.04
45) 2-Fluorobiphenyl	12.896	172	2510601	58.606	ng		-0.04
79) Terphenyl-d14	19.831	244	3474585	57.251	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	279660	37.429	ng		98
3) Pyridine	3.614	79	766974	35.519	ng		98
4) n-Nitrosodimethylamine	3.520	42	335122	41.526	ng		94
6) Aniline	6.990	93	434674	14.038	ng		99
8) 2-Chlorophenol	7.231	128	890196	42.454	ng		99
9) Benzaldehyde	6.808	77	625155	50.868	ng		97
10) Phenol	6.867	94	1024401	40.548	ng		98
11) bis(2-Chloroethyl)ether	7.084	93	825382	41.725	ng		97
12) 1,3-Dichlorobenzene	7.549	146	984343	43.574	ng		100
13) 1,4-Dichlorobenzene	7.690	146	988365	43.419	ng		99
14) 1,2-Dichlorobenzene	8.002	146	950178	43.469	ng		99
15) Benzyl Alcohol	7.896	79	684906	39.864	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1057387	38.061	ng		99
17) 2-Methylphenol	8.090	107	693202	40.307	ng		99
18) Hexachloroethane	8.725	117	353887	42.727	ng		96
19) n-Nitroso-di-n-propyla...	8.455	70	554403	38.053	ng		97
20) 3+4-Methylphenols	8.419	107	920395	38.621	ng		99
22) Acetophenone	8.461	105	1195939	41.442	ng	#	99
24) Nitrobenzene	8.837	77	839666	41.530	ng		99
25) Isophorone	9.361	82	1549633	39.108	ng		100
26) 2-Nitrophenol	9.543	139	447719	43.762	ng		98
27) 2,4-Dimethylphenol	9.613	122	760887	41.245	ng		100
28) bis(2-Chloroethoxy)met...	9.837	93	992908	40.010	ng		99
29) 2,4-Dichlorophenol	10.072	162	784491	42.547	ng		100
30) 1,2,4-Trichlorobenzene	10.290	180	869195	46.294	ng		99
31) Naphthalene	10.472	128	2599152	42.360	ng		99
32) Benzoic acid	9.743	122	496278	31.945	ng		100
33) 4-Chloroaniline	10.578	127	243703	9.339	ng		98
34) Hexachlorobutadiene	10.760	225	561136	45.952	ng		98
35) Caprolactam	11.360	113	218496	33.094	ng		92
36) 4-Chloro-3-methylphenol	11.707	107	752348	38.391	ng		97
37) 2-Methylnaphthalene	12.084	142	1628726	37.442	ng		99
38) 1-Methylnaphthalene	12.307	142	1659455	39.030	ng		100
40) 1,2,4,5-Tetrachloroben...	12.460	216	936373	49.324	ng		100
41) Hexachlorocyclopentadiene	12.449	237	1103338	88.804	ng		99
43) 2,4,6-Trichlorophenol	12.702	196	603910	46.401	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	656368	45.180	ng	99
46) 1,1'-Biphenyl	13.113	154	2158140	45.650	ng	99
47) 2-Chloronaphthalene	13.149	162	1672289	44.983	ng	99
48) 2-Nitroaniline	13.349	65	425729	41.181	ng	98
49) Acenaphthylene	14.001	152	2779034	45.320	ng	99
50) Dimethylphthalate	13.743	163	2012668	42.921	ng	100
51) 2,6-Dinitrotoluene	13.860	165	426236	45.873	ng	98
52) Acenaphthene	14.349	154	1586435	44.146	ng	99
53) 3-Nitroaniline	14.190	138	161036	14.720	ng	99
54) 2,4-Dinitrophenol	14.390	184	431108	76.862	ng	99
55) Dibenzofuran	14.696	168	2444615	43.921	ng	99
56) 4-Nitrophenol	14.513	139	701626	70.893	ng	96
57) 2,4-Dinitrotoluene	14.643	165	579891	41.798	ng	99
58) Fluorene	15.348	166	1921546	43.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	544526	44.182	ng	99
60) Diethylphthalate	15.137	149	1957355	41.436	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	955858	43.668	ng	96
62) 4-Nitroaniline	15.366	138	327547	28.832	ng	96
63) Azobenzene	15.648	77	1821853	45.740	ng	100
65) 4,6-Dinitro-2-methylph...	15.425	198	313196	42.848	ng	95
66) n-Nitrosodiphenylamine	15.572	169	1653493	46.457	ng	98
67) 4-Bromophenyl-phenylether	16.272	248	610125	47.882	ng	98
68) Hexachlorobenzene	16.378	284	712742	48.204	ng	98
69) Atrazine	16.554	200	604557	45.044	ng	99
70) Pentachlorophenol	16.731	266	944051	91.275	ng	99
71) Phenanthrene	17.125	178	3528007	54.432	ng	99
72) Anthracene	17.231	178	3001235	45.399	ng	99
73) Carbazole	17.501	167	2732526	43.519	ng	100
74) Di-n-butylphthalate	18.107	149	3353371	45.050	ng	100
75) Fluoranthene	19.225	202	4365932	55.440	ng	99
77) Benzidine	19.425	184	1110480	28.276	ng	99
78) Pyrene	19.601	202	4442298	54.748	ng	99
80) Butylbenzylphthalate	20.572	149	1594865	44.632	ng	98
81) Benzo(a)anthracene	21.519	228	4257462	50.093	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	499373	16.157	ng	98
83) Chrysene	21.583	228	3988448	49.795	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2407902	44.515	ng	99
85) Di-n-octyl phthalate	22.736	149	4093500	43.279	ng	98
87) Indeno(1,2,3-cd)pyrene	28.560	276	5481547	48.857	ng	98
88) Benzo(b)fluoranthene	23.789	252	4609613	50.597	ng	98
89) Benzo(k)fluoranthene	23.848	252	4322090	47.497	ng	99
90) Benzo(a)pyrene	24.666	252	4509069	52.251	ng	98
91) Dibenzo(a,h)anthracene	28.642	278	4304495	46.868	ng	99
92) Benzo(g,h,i)perylene	29.724	276	4597305	50.361	ng	97

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

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