Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025977.D
Acq On : 15 Oct 2025 15:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Oct 15 23:10:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.702	152	186329	20.000	ng		0.00
21) Naphthalene-d8	10.466	136	819978	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	568434	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1120583	20.000	ng		0.01
76) Chrysene-d12	21.583	240	871452	20.000	ng		0.00
86) Perylene-d12	24.918	264	881011	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	1175732	103.454	ng		0.00
7) Phenol-d6	6.907	99	1670913	105.354	ng		0.00
23) Nitrobenzene-d5	8.854	82	1865238	102.245	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	810658	105.934	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	4326346	97.552	ng		0.00
79) Terphenyl-d14	19.860	244	5766146	105.747	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	212806	47.272	ng		100
3) Pyridine	3.655	79	644283	51.288	ng		99
4) n-Nitrosodimethylamine	3.566	42	278640	50.613	ng		95
6) Aniline	7.043	93	1107503	52.160	ng		99
8) 2-Chlorophenol	7.284	128	672655	51.072	ng		99
9) Benzaldehyde	6.866	77	420095	49.637	ng		98
10) Phenol	6.937	94	863337	53.915	ng		98
11) bis(2-Chloroethyl)ether	7.137	93	678606	51.974	ng		99
12) 1,3-Dichlorobenzene	7.590	146	720176	49.320	ng		99
13) 1,4-Dichlorobenzene	7.737	146	745715	50.124	ng		99
14) 1,2-Dichlorobenzene	8.049	146	724905	49.808	ng		99
15) Benzyl Alcohol	7.954	79	701004	51.929	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.219	45	1012910	50.378	ng		99
17) 2-Methylphenol	8.160	107	606199	52.816	ng		98
18) Hexachloroethane	8.760	117	282252	49.716	ng		98
19) n-Nitroso-di-n-propyla...	8.502	70	595752	52.693	ng		99
20) 3+4-Methylphenols	8.490	107	828085	51.780	ng		98
22) Acetophenone	8.519	105	1141895	51.224	ng	#	99
24) Nitrobenzene	8.890	77	836393	51.556	ng		99
25) Isophorone	9.419	82	1700640	51.905	ng		99
26) 2-Nitrophenol	9.596	139	425917	54.212	ng		99
27) 2,4-Dimethylphenol	9.660	122	706832	53.092	ng		100
28) bis(2-Chloroethoxy)met...	9.878	93	987926	51.544	ng		98
29) 2,4-Dichlorophenol	10.143	162	712604	53.718	ng		99
30) 1,2,4-Trichlorobenzene	10.331	180	753981	50.204	ng		97
31) Naphthalene	10.513	128	2211213	49.990	ng		99
32) Benzoic acid	9.907	122	528134	54.638	ng		98
33) 4-Chloroaniline	10.637	127	1007089	53.613	ng		99
34) Hexachlorobutadiene	10.790	225	495305	49.834	ng		100
35) Caprolactam	11.466	113	250176	52.995	ng		93
36) 4-Chloro-3-methylphenol	11.790	107	830250	53.309	ng		98
37) 2-Methylnaphthalene	12.131	142	1484406	51.256	ng		99
38) 1-Methylnaphthalene	12.342	142	1560089	51.071	ng		99
40) 1,2,4,5-Tetrachloroben...	12.501	216	920188	49.713	ng		100
41) Hexachlorocyclopentadiene	12.472	237	518870	49.742	ng		99
43) 2,4,6-Trichlorophenol	12.760	196	619337	52.715	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	677706	52.972	ng	99
46) 1,1'-Biphenyl	13.148	154	2128243	49.565	ng	99
47) 2-Chloronaphthalene	13.190	162	1660573	49.461	ng	99
48) 2-Nitroaniline	13.407	65	559919	53.510	ng	99
49) Acenaphthylene	14.042	152	2726202	50.220	ng	100
50) Dimethylphthalate	13.789	163	2179372	50.724	ng	100
51) 2,6-Dinitrotoluene	13.907	165	483348	52.103	ng	97
52) Acenaphthene	14.384	154	1562286	49.838	ng	99
53) 3-Nitroaniline	14.248	138	501369	54.914	ng	99
54) 2,4-Dinitrophenol	14.478	184	307180	50.852	ng	94
55) Dibenzofuran	14.725	168	2486656	49.540	ng	99
56) 4-Nitrophenol	14.613	139	307602	54.895	ng	98
57) 2,4-Dinitrotoluene	14.713	165	659262	52.448	ng	97
58) Fluorene	15.389	166	2027253	50.263	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	598433	52.129	ng	99
60) Diethylphthalate	15.166	149	2143315	50.594	ng	100
61) 4-Chlorophenyl-phenyle...	15.378	204	1050986	49.553	ng	99
62) 4-Nitroaniline	15.436	138	455097	54.090	ng	98
63) Azobenzene	15.678	77	2003584	50.742	ng	99
65) 4,6-Dinitro-2-methylph...	15.501	198	430829	53.195	ng	98
66) n-Nitrosodiphenylamine	15.607	169	1792152	49.709	ng	99
67) 4-Bromophenyl-phenylether	16.295	248	700046	50.614	ng	98
68) Hexachlorobenzene	16.419	284	765608	49.342	ng	99
69) Atrazine	16.589	200	664701	51.106	ng	98
70) Pentachlorophenol	16.789	266	441609	53.719	ng	97
71) Phenanthrene	17.178	178	3113716	49.026	ng	99
72) Anthracene	17.272	178	3219993	49.633	ng	100
73) Carbazole	17.560	167	2850608	49.845	ng	99
74) Di-n-butylphthalate	18.136	149	3506185	49.817	ng	100
75) Fluoranthene	19.266	202	3445596	48.096	ng	99
77) Benzidine	19.466	184	1523861	54.574	ng	99
78) Pyrene	19.648	202	3534159	54.986	ng	99
80) Butylbenzylphthalate	20.583	149	1304314	50.994	ng	99
81) Benzo(a)anthracene	21.560	228	2951319	49.517	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1042746	49.162	ng	99
83) Chrysene	21.630	228	2792071	48.993	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1666377	47.192	ng	99
85) Di-n-octyl phthalate	22.736	149	2851700	47.297	ng	100
87) Indeno(1,2,3-cd)pyrene	28.724	276	3455324	52.065	ng	100
88) Benzo(b)fluoranthene	23.848	252	2724501	49.655	ng	100
89) Benzo(k)fluoranthene	23.918	252	2754833	49.471	ng	100
90) Benzo(a)pyrene	24.748	252	2672977	50.138	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	2821593	52.155	ng	99
92) Benzo(g,h,i)perylene	29.871	276	2790868	52.651	ng	98

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

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