Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026112.D
Acq On : 12 Nov 2025 14:32
Operator : RC/JU
Sample : Q3577-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1AMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 12 14:56:49 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	277558	20.000	ng		-0.02
21) Naphthalene-d8	10.443	136	1072935	20.000	ng		-0.01
39) Acenaphthene-d10	14.319	164	675063	20.000	ng		0.00
64) Phenanthrene-d10	17.137	188	1383169	20.000	ng		0.01
76) Chrysene-d12	21.595	240	1449495	20.000	ng		0.03
86) Perylene-d12	24.930	264	1648319	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2112782	125.606	ng		0.00
7) Phenol-d6	6.855	99	2481909	115.926	ng		0.00
23) Nitrobenzene-d5	8.813	82	1645730	95.621	ng		-0.01
42) 2,4,6-Tribromophenol	15.837	330	1222977	167.575	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4052200	86.254	ng		0.00
79) Terphenyl-d14	19.883	244	6561865	91.974	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	245626	34.639	ng	#	84
3) Pyridine	3.631	79	633575	31.430	ng		96
4) n-Nitrosodimethylamine	3.531	42	305453	37.807	ng		87
6) Aniline	7.008	93	549143	19.219	ng		99
8) 2-Chlorophenol	7.243	128	829961	44.558	ng		98
9) Benzaldehyde	6.825	77	182711	16.417	ng		96
10) Phenol	6.878	94	922305	38.804	ng		100
11) bis(2-Chloroethyl)ether	7.108	93	751797	40.080	ng		97
12) 1,3-Dichlorobenzene	7.566	146	729335	34.095	ng		99
13) 1,4-Dichlorobenzene	7.708	146	753439	34.837	ng		99
14) 1,2-Dichlorobenzene	8.019	146	742102	35.959	ng		99
15) Benzyl Alcohol	7.908	79	685273	44.399	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	975977	34.427	ng		96
17) 2-Methylphenol	8.113	107	695416	44.681	ng		99
18) Hexachloroethane	8.749	117	254536	34.393	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	564378	42.467	ng		96
20) 3+4-Methylphenols	8.431	107	953621	44.043	ng		98
22) Acetophenone	8.484	105	1208198	44.525	ng	#	97
24) Nitrobenzene	8.855	77	822267	45.249	ng		98
25) Isophorone	9.384	82	1675156	45.472	ng		99
26) 2-Nitrophenol	9.560	139	431157	63.542	ng		94
27) 2,4-Dimethylphenol	9.625	122	825432	53.283	ng		99
28) bis(2-Chloroethoxy)met...	9.860	93	1046722	45.085	ng		99
29) 2,4-Dichlorophenol	10.096	162	846901	51.776	ng		100
30) 1,2,4-Trichlorobenzene	10.307	180	774716	43.576	ng		98
31) Naphthalene	10.496	128	2408535	41.165	ng		100
32) Benzoic acid	9.755	122	597648	58.883	ng		95
33) 4-Chloroaniline	10.596	127	257004	11.431	ng		97
34) Hexachlorobutadiene	10.790	225	447333	39.594	ng		99
35) Caprolactam	11.372	113	263266	45.833	ng		89
36) 4-Chloro-3-methylphenol	11.731	107	902052	52.607	ng		98
37) 2-Methylnaphthalene	12.107	142	1665034	40.659	ng		99
38) 1-Methylnaphthalene	12.331	142	1728128	43.438	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	960584	45.796	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1123758	146.430	ng		98
43) 2,4,6-Trichlorophenol	12.725	196	703632	56.754	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.796	196	778976	55.064	ng		99
46)	1,1'-Biphenyl	13.131	154	2428514	46.982	ng		99
47)	2-Chloronaphthalene	13.172	162	1870298	45.988	ng		98
48)	2-Nitroaniline	13.372	65	559845	53.158	ng		95
49)	Acenaphthylene	14.037	152	3191748	53.846	ng		100
50)	Dimethylphthalate	13.766	163	2490069	50.711	ng		100
51)	2,6-Dinitrotoluene	13.872	165	548174	59.057	ng		94
52)	Acenaphthene	14.384	154	1823249	44.805	ng		99
53)	3-Nitroaniline	14.207	138	296862	27.998	ng	#	96
54)	2,4-Dinitrophenol	14.419	184	604236	116.529	ng		99
55)	Dibenzofuran	14.725	168	2967411	48.265	ng		99
56)	4-Nitrophenol	14.531	139	995661	101.687	ng		96
57)	2,4-Dinitrotoluene	14.684	165	791274	58.058	ng		91
58)	Fluorene	15.390	166	2337413	48.527	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	695038	62.486	ng		99
60)	Diethylphthalate	15.166	149	2564916	51.958	ng		100
61)	4-Chlorophenyl-phenyle...	15.390	204	1161290	48.279	ng		98
62)	4-Nitroaniline	15.401	138	565338	53.879	ng		96
63)	Azobenzene	15.690	77	2178769	48.700	ng		97
65)	4,6-Dinitro-2-methylph...	15.460	198	418569	66.709	ng		90
66)	n-Nitrosodiphenylamine	15.601	169	2126809	49.179	ng		99
67)	4-Bromophenyl-phenylether	16.301	248	766684	49.970	ng		99
68)	Hexachlorobenzene	16.425	284	896823	51.346	ng		97
69)	Atrazine	16.589	200	712745	48.855	ng		98
70)	Pentachlorophenol	16.772	266	1242021	116.418	ng		100
71)	Phenanthrene	17.178	178	3892457	48.349	ng		100
72)	Anthracene	17.266	178	3907756	48.967	ng		99
73)	Carbazole	17.548	167	3781206	50.054	ng		100
74)	Di-n-butylphthalate	18.160	149	4554688	53.883	ng		99
75)	Fluoranthene	19.278	202	4711147	50.165	ng		98
77)	Benzidine	19.472	184	1242432	33.769	ng		99
78)	Pyrene	19.654	202	4850620	49.478	ng		99
80)	Butylbenzylphthalate	20.625	149	2114464	57.078	ng		96
81)	Benzo(a)anthracene	21.577	228	4950943	49.706	ng		100
82)	3,3'-Dichlorobenzidine	21.495	252	946260	29.485	ng		100
83)	Chrysene	21.642	228	4658571	49.374	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.542	149	3170014	53.926	ng		98
85)	Di-n-octyl phthalate	22.824	149	5536448	64.164	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.730	276	6251985m	51.376	ng		
88)	Benzo(b)fluoranthene	23.883	252	5121266	50.048	ng		100
89)	Benzo(k)fluoranthene	23.960	252	5230060	50.052	ng		100
90)	Benzo(a)pyrene	24.777	252	4883821	51.952	ng		99
91)	Dibenzo(a,h)anthracene	28.818	278	5137158	51.875	ng		99
92)	Benzo(g,h,i)perylene	29.901	276	5025191	52.732	ng		99

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

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