Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026094.D
Acq On : 11 Nov 2025 17:33
Operator : RC/JU
Sample : Q3586-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 12 01:45:31 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	270854	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1115775	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	711326	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	1435440	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1558558	20.000	ng	0.02
86) Perylene-d12	24.918	264	1925500	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1717502	104.634	ng	0.00
7) Phenol-d6	6.854	99	2209997	105.780	ng	0.00
23) Nitrobenzene-d5	8.819	82	1219040	68.109	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	911398	118.515	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	3055922	61.732	ng	0.00
79) Terphenyl-d14	19.871	244	4779744	62.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	261509	37.791	ng	97
3) Pyridine	3.613	79	725391	36.876	ng	97
4) n-Nitrosodimethylamine	3.525	42	341300	43.290	ng	90
6) Aniline	7.007	93	925919	33.207	ng	98
8) 2-Chlorophenol	7.249	128	922742	50.766	ng	96
9) Benzaldehyde	6.819	77	442961	40.786	ng	98
10) Phenol	6.878	94	1128889	48.671	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	806435	44.057	ng	99
12) 1,3-Dichlorobenzene	7.572	146	946954	45.365	ng	98
13) 1,4-Dichlorobenzene	7.707	146	967002	45.818	ng	100
14) 1,2-Dichlorobenzene	8.019	146	934651	46.409	ng	100
15) Benzyl Alcohol	7.907	79	738501	49.032	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1115064	40.307	ng	96
17) 2-Methylphenol	8.107	107	747464	49.214	ng	99
18) Hexachloroethane	8.743	117	338138	46.821	ng	100
19) n-Nitroso-di-n-propyla...	8.472	70	601399	46.372	ng	96
20) 3+4-Methylphenols	8.437	107	1031032	48.797	ng	99
22) Acetophenone	8.484	105	1282469	45.448	ng	97
24) Nitrobenzene	8.860	77	882581	46.703	ng	98
25) Isophorone	9.378	82	1708588	44.599	ng	100
26) 2-Nitrophenol	9.560	139	453068	64.179	ng	97
27) 2,4-Dimethylphenol	9.631	122	844212	52.403	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1074718	44.514	ng	99
29) 2,4-Dichlorophenol	10.090	162	860362	50.580	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	876028	47.383	ng	97
31) Naphthalene	10.495	128	2691629	44.237	ng	100
32) Benzoic acid	9.748	122	676396	62.530	ng	96
33) 4-Chloroaniline	10.595	127	414754	17.739	ng	99
34) Hexachlorobutadiene	10.784	225	530487	45.152	ng	99
35) Caprolactam	11.366	113	298250m	49.930	ng	
36) 4-Chloro-3-methylphenol	11.731	107	886927	49.739	ng	96
37) 2-Methylnaphthalene	12.113	142	1742690	40.922	ng	99
38) 1-Methylnaphthalene	12.337	142	1788990	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	987579	44.683	ng	99
41) Hexachlorocyclopentadiene	12.472	237	1140129	140.990	ng	98
43) 2,4,6-Trichlorophenol	12.731	196	703674	53.864	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	776825	52.112	ng		98
46)	1,1'-Biphenyl	13.137	154	2440513	44.807	ng		99
47)	2-Chloronaphthalene	13.178	162	1896905	44.264	ng		98
48)	2-Nitroaniline	13.378	65	551553	49.890	ng		96
49)	Acenaphthylene	14.031	152	3264189	52.261	ng		100
50)	Dimethylphthalate	13.778	163	2394255	46.274	ng		100
51)	2,6-Dinitrotoluene	13.878	165	518105	53.280	ng		96
52)	Acenaphthene	14.389	154	2141197	49.936	ng		99
53)	3-Nitroaniline	14.207	138	322608	28.793	ng	#	98
54)	2,4-Dinitrophenol	14.425	184	582738	109.954	ng		95
55)	Dibenzofuran	14.731	168	2888133	44.581	ng		100
56)	4-Nitrophenol	14.531	139	1063004	103.031	ng		97
57)	2,4-Dinitrotoluene	14.678	165	746671	52.315	ng		95
58)	Fluorene	15.389	166	2336182	46.029	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	680080	58.025	ng		98
60)	Diethylphthalate	15.178	149	2412363	46.377	ng		99
61)	4-Chlorophenyl-phenyle...	15.389	204	1129798	44.575	ng		99
62)	4-Nitroaniline	15.401	138	575520	52.053	ng		96
63)	Azobenzene	15.689	77	2243220	47.584	ng		96
65)	4,6-Dinitro-2-methylph...	15.466	198	392233	61.923	ng		91
66)	n-Nitrosodiphenylamine	15.601	169	2087730	46.517	ng		100
67)	4-Bromophenyl-phenylether	16.307	248	747705	46.958	ng		97
68)	Hexachlorobenzene	16.425	284	850021	46.895	ng		98
69)	Atrazine	16.595	200	779928	51.514	ng		98
70)	Pentachlorophenol	16.772	266	1199329	108.323	ng		99
71)	Phenanthrene	17.177	178	3738298	44.743	ng		100
72)	Anthracene	17.272	178	3835185	46.308	ng		100
73)	Carbazole	17.548	167	3606555	46.004	ng		100
74)	Di-n-butylphthalate	18.154	149	4293156	48.940	ng		100
75)	Fluoranthene	19.271	202	4500587	46.178	ng		99
77)	Benzidine	19.460	184	2562154	64.766	ng		99
78)	Pyrene	19.648	202	4613557	43.767	ng		99
80)	Butylbenzylphthalate	20.618	149	2046991	51.728	ng		96
81)	Benzo(a)anthracene	21.565	228	4914004	45.882	ng		100
82)	3,3'-Dichlorobenzidine	21.483	252	1244227	36.057	ng		100
83)	Chrysene	21.630	228	4558967	44.937	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.530	149	3019336	48.065	ng		98
85)	Di-n-octyl phthalate	22.818	149	5570128	60.037	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.712	276	6728862m	47.335	ng		
88)	Benzo(b)fluoranthene	23.865	252	5395561	45.138	ng		100
89)	Benzo(k)fluoranthene	23.936	252	5338585	43.736	ng		99
90)	Benzo(a)pyrene	24.765	252	5253292	47.837	ng		99
91)	Dibenzo(a,h)anthracene	28.800	278	5505218	47.589	ng		99
92)	Benzo(g,h,i)perylene	29.877	276	5403461	48.540	ng		98

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

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