Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026093.D
Acq On : 11 Nov 2025 16:52
Operator : RC/JU
Sample : Q3586-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-3MS

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

Quant Time: Nov 11 17:12:09 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	7.678	152	296222	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1166343	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	745428	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1549759	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1762341	20.000	ng		0.01
86) Perylene-d12	24.924	264	2068063	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1778196	99.054	ng		0.00
7) Phenol-d6	6.849	99	2260243	98.920	ng		0.00
23) Nitrobenzene-d5	8.813	82	1249195	66.768	ng		-0.01
42) 2,4,6-Tribromophenol	15.825	330	939233	116.547	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	3047663	58.748	ng		-0.01
79) Terphenyl-d14	19.866	244	5237660	60.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	284762	37.628	ng		98
3) Pyridine	3.614	79	786988	36.581	ng		97
4) n-Nitrosodimethylamine	3.525	42	362450	42.035	ng		90
6) Aniline	7.008	93	934451	30.643	ng		98
8) 2-Chlorophenol	7.249	128	946013	47.589	ng		97
9) Benzaldehyde	6.819	77	463796	39.047	ng		99
10) Phenol	6.878	94	1148006	45.257	ng		100
11) bis(2-Chloroethyl)ether	7.102	93	833295	41.626	ng		99
12) 1,3-Dichlorobenzene	7.566	146	1009516	44.220	ng		99
13) 1,4-Dichlorobenzene	7.713	146	1027189	44.502	ng		100
14) 1,2-Dichlorobenzene	8.025	146	980092	44.498	ng		100
15) Benzyl Alcohol	7.908	79	748510	45.441	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1165540	38.523	ng		98
17) 2-Methylphenol	8.113	107	766752	46.161	ng		99
18) Hexachloroethane	8.749	117	355877	45.057	ng		97
19) n-Nitroso-di-n-propyla...	8.472	70	609970	43.005	ng		97
20) 3+4-Methylphenols	8.431	107	1042051	45.095	ng		98
22) Acetophenone	8.484	105	1300398	44.085	ng	#	97
24) Nitrobenzene	8.855	77	906907	45.910	ng		98
25) Isophorone	9.384	82	1731602	43.240	ng		99
26) 2-Nitrophenol	9.560	139	459763	62.382	ng		96
27) 2,4-Dimethylphenol	9.625	122	854401	50.736	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1086520	43.051	ng		100
29) 2,4-Dichlorophenol	10.096	162	868157	48.825	ng		98
30) 1,2,4-Trichlorobenzene	10.307	180	905744	46.866	ng		97
31) Naphthalene	10.496	128	2743320	43.132	ng		100
32) Benzoic acid	9.755	122	691403	61.547	ng		96
33) 4-Chloroaniline	10.596	127	470005	19.230	ng		99
34) Hexachlorobutadiene	10.790	225	548423	44.654	ng		98
35) Caprolactam	11.366	113	308604	49.424	ng	#	88
36) 4-Chloro-3-methylphenol	11.725	107	912347	48.947	ng		99
37) 2-Methylnaphthalene	12.113	142	1770111	39.764	ng		99
38) 1-Methylnaphthalene	12.331	142	1816726	42.008	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	1008627	43.548	ng		99
41) Hexachlorocyclopentadiene	12.472	237	1120849	132.265	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	708087	51.722	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	788989	50.507	ng		99
46) 1,1'-Biphenyl	13.131	154	2485365	43.543	ng		99
47) 2-Chloronaphthalene	13.172	162	1920130	42.757	ng		99
48) 2-Nitroaniline	13.372	65	556442	48.138	ng		95
49) Acenaphthylene	14.031	152	3279242	50.100	ng		100
50) Dimethylphthalate	13.766	163	2430796	44.831	ng		100
51) 2,6-Dinitrotoluene	13.878	165	530255	52.105	ng		93
52) Acenaphthene	14.378	154	1822943	40.569	ng		100
53) 3-Nitroaniline	14.201	138	344027	29.253	ng	#	96
54) 2,4-Dinitrophenol	14.419	184	617165	110.722	ng		92
55) Dibenzofuran	14.719	168	2957373	43.561	ng		98
56) 4-Nitrophenol	14.525	139	1117576	103.365	ng		94
57) 2,4-Dinitrotoluene	14.678	165	777166	51.982	ng		91
58) Fluorene	15.384	166	2341092	44.015	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	699686	56.966	ng		98
60) Diethylphthalate	15.160	149	2469705	45.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.384	204	1137548	42.828	ng		98
62) 4-Nitroaniline	15.395	138	605617	52.270	ng		94
63) Azobenzene	15.684	77	2303527	46.628	ng		96
65) 4,6-Dinitro-2-methylph...	15.454	198	416417	61.165	ng		91
66) n-Nitrosodiphenylamine	15.595	169	2155394	44.482	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	754222	43.874	ng		97
68) Hexachlorobenzene	16.419	284	877752	44.852	ng		96
69) Atrazine	16.578	200	819183	50.115	ng		98
70) Pentachlorophenol	16.772	266	1254838	104.976	ng		99
71) Phenanthrene	17.172	178	3856008	42.748	ng		100
72) Anthracene	17.260	178	3964031	44.333	ng		99
73) Carbazole	17.542	167	3883757	45.885	ng		100
74) Di-n-butylphthalate	18.154	149	4567374	48.225	ng		99
75) Fluoranthene	19.266	202	4810970	45.721	ng		98
77) Benzidine	19.460	184	2760993	61.722	ng		99
78) Pyrene	19.642	202	5019988	42.116	ng		99
80) Butylbenzylphthalate	20.607	149	2238758	50.144	ng		99
81) Benzo(a)anthracene	21.560	228	5361718	44.274	ng		100
82) 3,3'-Dichlorobenzidine	21.489	252	1330753	34.105	ng		99
83) Chrysene	21.625	228	5030796	43.854	ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	3357041	47.305	ng		99
85) Di-n-octyl phthalate	22.819	149	5992300	57.119	ng		97
87) Indeno(1,2,3-cd)pyrene	28.718	276	6960277m	45.588	ng		
88) Benzo(b)fluoranthene	23.877	252	5541720	43.165	ng		99
89) Benzo(k)fluoranthene	23.948	252	5709385	43.549	ng		99
90) Benzo(a)pyrene	24.771	252	5501616	46.645	ng		99
91) Dibenzo(a,h)anthracene	28.818	278	5718465	46.024	ng		99
92) Benzo(g,h,i)perylene	29.895	276	5625013	47.046	ng		97

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

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