Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025969.D
Acq On : 09 Oct 2025 17:49
Operator : RC/JU
Sample : Q3313-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-360MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

Quant Time: Oct 09 18:11:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 08 16:22:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	166496	20.000	ng		0.00
21) Naphthalene-d8	10.490	136	663276	20.000	ng		0.00
39) Acenaphthene-d10	14.331	164	418270	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	817671	20.000	ng		0.00
76) Chrysene-d12	21.571	240	789217	20.000	ng		0.00
86) Perylene-d12	24.907	264	870756	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	923005	90.482	ng		0.00
7) Phenol-d6	6.937	99	1199134	89.016	ng		0.00
23) Nitrobenzene-d5	8.878	82	741562	50.038	ng		0.00
42) 2,4,6-Tribromophenol	15.854	330	489549	93.721	ng		0.00
45) 2-Fluorobiphenyl	12.943	172	1513819	48.619	ng		0.00
79) Terphenyl-d14	19.854	244	2067971	47.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	141470	33.401	ng		97
3) Pyridine	3.702	79	406506	34.793	ng		95
4) n-Nitrosodimethylamine	3.608	42	208602	38.308	ng		95
6) Aniline	7.072	93	587334	31.880	ng		100
8) 2-Chlorophenol	7.313	128	544110	48.623	ng		98
9) Benzaldehyde	6.896	77	262081	29.802	ng		96
10) Phenol	6.966	94	681526	48.099	ng		97
11) bis(2-Chloroethyl)ether	7.160	93	507608	44.668	ng		96
12) 1,3-Dichlorobenzene	7.619	146	557701	43.795	ng		98
13) 1,4-Dichlorobenzene	7.766	146	574654	44.261	ng		99
14) 1,2-Dichlorobenzene	8.078	146	555705	44.203	ng		99
15) Benzyl Alcohol	7.978	79	500379	45.083	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.243	45	730755	39.805	ng		97
17) 2-Methylphenol	8.184	107	455793	47.646	ng		99
18) Hexachloroethane	8.790	117	214859	43.438	ng		96
19) n-Nitroso-di-n-propyla...	8.531	70	394271	42.334	ng		93
20) 3+4-Methylphenols	8.513	107	616109	46.331	ng		99
22) Acetophenone	8.549	105	874154	49.938	ng	#	97
24) Nitrobenzene	8.919	77	590893	44.524	ng		97
25) Isophorone	9.443	82	1109916	42.675	ng		98
26) 2-Nitrophenol	9.619	139	297133	49.693	ng		94
27) 2,4-Dimethylphenol	9.690	122	497790	48.280	ng		99
28) bis(2-Chloroethoxy)met...	9.902	93	678265	44.926	ng		99
29) 2,4-Dichlorophenol	10.172	162	521036	50.165	ng		98
30) 1,2,4-Trichlorobenzene	10.354	180	555144	47.279	ng		99
31) Naphthalene	10.537	128	1596829	45.131	ng		99
32) Benzoic acid	9.907	122	428354m	55.985	ng		
33) 4-Chloroaniline	10.660	127	371075	25.284	ng		97
34) Hexachlorobutadiene	10.813	225	358408	47.198	ng		100
35) Caprolactam	11.472	113	166927	40.697	ng		95
36) 4-Chloro-3-methylphenol	11.801	107	575170	46.733	ng		95
37) 2-Methylnaphthalene	12.143	142	1031194	45.503	ng		98
38) 1-Methylnaphthalene	12.366	142	1074533	44.558	ng		98
40) 1,2,4,5-Tetrachloroben...	12.513	216	716675	56.617	ng		99
41) Hexachlorocyclopentadiene	12.490	237	351462	50.291	ng		98
43) 2,4,6-Trichlorophenol	12.772	196	423269	51.136	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.872	196	471155	51.338	ng		94
46)	1,1'-Biphenyl	13.154	154	1618110	53.285	ng		99
47)	2-Chloronaphthalene	13.201	162	1157148	48.262	ng		99
48)	2-Nitroaniline	13.419	65	372971	47.175	ng		96
49)	Acenaphthylene	14.054	152	1908254	48.225	ng		100
50)	Dimethylphthalate	13.790	163	1428399	45.331	ng		100
51)	2,6-Dinitrotoluene	13.913	165	322520	48.082	ng		94
52)	Acenaphthene	14.401	154	1053491	46.222	ng		99
53)	3-Nitroaniline	14.260	138	246027	35.048	ng		100
54)	2,4-Dinitrophenol	14.484	184	254360	59.138	ng		98
55)	Dibenzofuran	14.737	168	1725008	46.464	ng		98
56)	4-Nitrophenol	14.625	139	434166	71.739	ng		98
57)	2,4-Dinitrotoluene	14.725	165	447196	47.056	ng		95
58)	Fluorene	15.401	166	1390631	47.143	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.984	232	416149	50.481	ng		93
60)	Diethylphthalate	15.166	149	1452090	45.303	ng		100
61)	4-Chlorophenyl-phenyle...	15.384	204	706646	47.189	ng		98
62)	4-Nitroaniline	15.442	138	291937	41.062	ng		96
63)	Azobenzene	15.689	77	1461179	47.648	ng		96
65)	4,6-Dinitro-2-methylph...	15.507	198	189237	34.612	ng		92
66)	n-Nitrosodiphenylamine	15.613	169	1211179	48.849	ng		99
67)	4-Bromophenyl-phenylether	16.301	248	460278	51.310	ng		97
68)	Hexachlorobenzene	16.425	284	522656	52.000	ng	#	91
69)	Atrazine	16.589	200	454874	48.132	ng		96
70)	Pentachlorophenol	16.789	266	617673	96.253	ng		99
71)	Phenanthrene	17.178	178	2546322	55.589	ng		99
72)	Anthracene	17.272	178	2263171	48.634	ng		99
73)	Carbazole	17.554	167	2048442	47.700	ng		99
74)	Di-n-butylphthalate	18.130	149	2464522	46.505	ng		99
75)	Fluoranthene	19.266	202	3415183	62.241	ng		99
77)	Benzidine	19.472	184	1397794	61.476	ng		99
78)	Pyrene	19.642	202	3372096	64.487	ng		99
80)	Butylbenzylphthalate	20.583	149	1123787	49.226	ng		96
81)	Benzo(a)anthracene	21.554	228	2962768	55.458	ng		100
82)	3,3'-Dichlorobenzidine	21.471	252	838775	45.093	ng		100
83)	Chrysene	21.624	228	2791293	54.725	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.471	149	1588270	47.853	ng		100
85)	Di-n-octyl phthalate	22.730	149	2811755	47.334	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.701	276	3309317	52.895	ng	#	79
88)	Benzo(b)fluoranthene	23.854	252	3033286	57.915	ng		99
89)	Benzo(k)fluoranthene	23.918	252	2794489	52.268	ng		99
90)	Benzo(a)pyrene	24.748	252	2819263	54.849	ng		99
91)	Dibenzo(a,h)anthracene	28.777	278	2571823	50.155	ng		98
92)	Benzo(g,h,i)perylene	29.883	276	2756382	54.645	ng		100

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

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