Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025929.D
Acq On : 06 Oct 2025 19:04
Operator : CG/JU
Sample : Q3269-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EG1-TP1MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 07 02:06:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.737	152	156742	20.000	ng		-0.02
21) Naphthalene-d8	10.496	136	597901	20.000	ng		-0.03
39) Acenaphthene-d10	14.343	164	371539	20.000	ng		-0.04
64) Phenanthrene-d10	17.154	188	743213	20.000	ng		-0.03
76) Chrysene-d12	21.601	240	809368	20.000	ng		-0.04
86) Perylene-d12	24.948	264	926256	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1210923	124.656	ng		0.00
7) Phenol-d6	6.943	99	1459555	113.040	ng		0.00
23) Nitrobenzene-d5	8.884	82	1033296	76.233	ng		-0.02
42) 2,4,6-Tribromophenol	15.872	330	692292	149.387	ng		-0.04
45) 2-Fluorobiphenyl	12.954	172	2311618	82.843	ng		-0.04
79) Terphenyl-d14	19.872	244	3786551	84.164	ng		-0.04
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.314	88	145261	35.629	ng	#	81
3) Pyridine	3.714	79	378846	33.746	ng		95
4) n-Nitrosodimethylamine	3.614	42	197296	37.244	ng		87
6) Aniline	7.078	93	344388	19.430	ng		99
8) 2-Chlorophenol	7.319	128	491712	46.141	ng		99
9) Benzaldehyde	6.902	77	118015	15.249	ng		96
10) Phenol	6.972	94	562139	41.289	ng		97
11) bis(2-Chloroethyl)ether	7.166	93	484900	44.330	ng		94
12) 1,3-Dichlorobenzene	7.625	146	517268	42.648	ng		98
13) 1,4-Dichlorobenzene	7.772	146	533081	43.148	ng		100
14) 1,2-Dichlorobenzene	8.084	146	509061	42.414	ng		100
15) Benzyl Alcohol	7.984	79	448977	42.081	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	691013	38.630	ng		97
17) 2-Methylphenol	8.196	107	406552	44.291	ng		99
18) Hexachloroethane	8.796	117	199468	42.268	ng		98
19) n-Nitroso-di-n-propyla...	8.531	70	373122	41.432	ng		95
20) 3+4-Methylphenols	8.519	107	547868	42.618	ng		98
22) Acetophenone	8.555	105	816012	51.071	ng	#	98
24) Nitrobenzene	8.925	77	548632	45.119	ng		98
25) Isophorone	9.449	82	1058219	44.417	ng		99
26) 2-Nitrophenol	9.631	139	268817	49.793	ng		90
27) 2,4-Dimethylphenol	9.696	122	458076	48.365	ng		98
28) bis(2-Chloroethoxy)met...	9.913	93	640007	46.473	ng		99
29) 2,4-Dichlorophenol	10.190	162	468930	49.658	ng		98
30) 1,2,4-Trichlorobenzene	10.366	180	501060	47.081	ng		98
31) Naphthalene	10.549	128	1464195	45.417	ng		99
32) Benzoic acid	9.890	122	326440	46.359	ng		95
33) 4-Chloroaniline	10.678	127	182724	13.598	ng		98
34) Hexachlorobutadiene	10.831	225	325289	47.480	ng		100
35) Caprolactam	11.484	113	136901	37.608	ng		95
36) 4-Chloro-3-methylphenol	11.813	107	534367	47.464	ng		95
37) 2-Methylnaphthalene	12.154	142	948924	45.827	ng		98
38) 1-Methylnaphthalene	12.378	142	991064	44.883	ng		100
40) 1,2,4,5-Tetrachloroben...	12.531	216	646366	57.411	ng		99
41) Hexachlorocyclopentadiene	12.501	237	506678	82.630	ng		99
43) 2,4,6-Trichlorophenol	12.784	196	395647	53.456	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.878	196	423781	51.447	ng	95
46)	1,1'-Biphenyl	13.172	154	1497069	54.896	ng	99
47)	2-Chloronaphthalene	13.219	162	1056352	49.194	ng	98
48)	2-Nitroaniline	13.431	65	359079	50.165	ng	96
49)	Acenaphthylene	14.066	152	1800125	50.595	ng	100
50)	Dimethylphthalate	13.801	163	1412063	49.780	ng	99
51)	2,6-Dinitrotoluene	13.925	165	305445	50.825	ng	93
52)	Acenaphthene	14.407	154	984501	47.982	ng	99
53)	3-Nitroaniline	14.272	138	206392	32.658	ng	97
54)	2,4-Dinitrophenol	14.490	184	395942	100.045	ng	98
55)	Dibenzofuran	14.754	168	1631056	48.775	ng	98
56)	4-Nitrophenol	14.637	139	394130	72.844	ng	95
57)	2,4-Dinitrotoluene	14.731	165	440756	51.534	ng	96
58)	Fluorene	15.413	166	1308291	49.200	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.990	232	376785	50.778	ng	96
60)	Diethylphthalate	15.184	149	1423905	49.488	ng	98
61)	4-Chlorophenyl-phenyle...	15.401	204	672776	50.202	ng	97
62)	4-Nitroaniline	15.454	138	300951	46.484	ng	97
63)	Azobenzene	15.701	77	1325034	47.627	ng	96
65)	4,6-Dinitro-2-methylph...	15.519	198	269731	54.572	ng	93
66)	n-Nitrosodiphenylamine	15.619	169	1175664	51.691	ng	99
67)	4-Bromophenyl-phenylether	16.313	248	440472	53.947	ng	98
68)	Hexachlorobenzene	16.437	284	498850	54.787	ng	92
69)	Atrazine	16.607	200	419034	48.199	ng	97
70)	Pentachlorophenol	16.807	266	621905	103.489	ng	98
71)	Phenanthrene	17.195	178	2114400	50.153	ng	99
72)	Anthracene	17.289	178	2167142	50.662	ng	99
73)	Carbazole	17.572	167	2043964	51.396	ng	100
74)	Di-n-butylphthalate	18.148	149	2602269	53.321	ng	99
75)	Fluoranthene	19.283	202	2572890	50.885	ng	100
77)	Benzidine	19.489	184	828816	35.550	ng	99
78)	Pyrene	19.660	202	2702893	50.049	ng	99
80)	Butylbenzylphthalate	20.601	149	1222347	51.621	ng	100
81)	Benzo(a)anthracene	21.583	228	2754458	49.710	ng	100
82)	3,3'-Dichlorobenzidine	21.501	252	790776	41.274	ng	99
83)	Chrysene	21.648	228	2595782	49.143	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.501	149	1871340	54.017	ng	100
85)	Di-n-octyl phthalate	22.766	149	3287060	53.340	ng	97
87)	Indeno(1,2,3-cd)pyrene	28.759	276	3568053m	52.971	ng	
88)	Benzo(b)fluoranthene	23.889	252	2795296	49.350	ng	99
89)	Benzo(k)fluoranthene	23.960	252	2946691	50.981	ng	98
90)	Benzo(a)pyrene	24.783	252	2751550	49.604	ng	99
91)	Dibenzo(a,h)anthracene	28.818	278	2949384	53.506	ng	97
92)	Benzo(g,h,i)perylene	29.936	276	2862470	52.804	ng	98

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

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