Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026003.D
Acq On : 22 Oct 2025 17:55
Operator : RC/JU
Sample : PB170216BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 22 18:17:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170216BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/23/2025
Supervised By :Jagrut Upadhyay 10/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	157158	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	711577	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	515285	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1020674	20.000	ng	0.00
76) Chrysene-d12	21.572	240	759603	20.000	ng	-0.01
86) Perylene-d12	24.924	264	736047	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1338778	139.666	ng	0.00
7) Phenol-d6	6.908	99	1844852	137.913	ng	0.00
23) Nitrobenzene-d5	8.849	82	1153562	72.867	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	825421	118.989	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2785725	69.293	ng	0.00
79) Terphenyl-d14	19.848	244	3961888	83.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	133222	35.087	ng	# 93
3) Pyridine	3.649	79	378314	35.705	ng	92
4) n-Nitrosodimethylamine	3.561	42	227054	48.898	ng	87
6) Aniline	7.037	93	616702	34.436	ng	96
8) 2-Chlorophenol	7.278	128	544556	49.021	ng	95
9) Benzaldehyde	6.861	77	250736	35.125	ng	96
10) Phenol	6.931	94	718144	53.172	ng	95
11) bis(2-Chloroethyl)ether	7.131	93	502091	45.592	ng	96
12) 1,3-Dichlorobenzene	7.584	146	517552	42.023	ng	99
13) 1,4-Dichlorobenzene	7.725	146	533941	42.551	ng	98
14) 1,2-Dichlorobenzene	8.043	146	525611	42.818	ng	99
15) Benzyl Alcohol	7.955	79	546036	47.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.213	45	820485	48.382	ng	99
17) 2-Methylphenol	8.160	107	492695	50.895	ng	97
18) Hexachloroethane	8.755	117	203399	42.477	ng	96
19) n-Nitroso-di-n-propyla...	8.496	70	441276	46.274	ng	95
20) 3+4-Methylphenols	8.490	107	667994	49.523	ng	99
22) Acetophenone	8.519	105	904873	46.775	ng	95
24) Nitrobenzene	8.890	77	637812	45.305	ng	98
25) Isophorone	9.413	82	1248097	43.896	ng	97
26) 2-Nitrophenol	9.590	139	304525	44.666	ng	93
27) 2,4-Dimethylphenol	9.666	122	549555	47.567	ng	97
28) bis(2-Chloroethoxy)met...	9.878	93	749761	45.077	ng	98
29) 2,4-Dichlorophenol	10.154	162	564446	49.032	ng	97
30) 1,2,4-Trichlorobenzene	10.325	180	547923	42.042	ng	98
31) Naphthalene	10.513	128	1650015	42.985	ng	100
32) Benzoic acid	9.907	122	456287	54.501	ng	97
33) 4-Chloroaniline	10.649	127	303918	18.644	ng	99
34) Hexachlorobutadiene	10.790	225	355683	41.238	ng	99
35) Caprolactam	11.460	113	195595m	47.745	ng	
36) 4-Chloro-3-methylphenol	11.790	107	684910	50.677	ng	97
37) 2-Methylnaphthalene	12.125	142	1111001	44.206	ng	99
38) 1-Methylnaphthalene	12.343	142	1173410	44.264	ng	100
40) 1,2,4,5-Tetrachloroben...	12.496	216	760610	45.331	ng	99
41) Hexachlorocyclopentadiene	12.466	237	686290	70.107	ng	100
43) 2,4,6-Trichlorophenol	12.754	196	485801	45.614	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	545404	47.028	ng	98
46) 1,1'-Biphenyl	13.143	154	1823986	46.860	ng	99
47) 2-Chloronaphthalene	13.184	162	1278943	42.023	ng	99
48) 2-Nitroaniline	13.413	65	457621	48.244	ng	98
49) Acenaphthylene	14.043	152	2166811	44.032	ng	100
50) Dimethylphthalate	13.778	163	1746558	44.843	ng	100
51) 2,6-Dinitrotoluene	13.901	165	382196	45.449	ng	93
52) Acenaphthene	14.384	154	1218436	42.878	ng	100
53) 3-Nitroaniline	14.254	138	256136	30.580	ng	98
54) 2,4-Dinitrophenol	14.466	184	484110	84.391	ng	94
55) Dibenzofuran	14.725	168	1971947	43.338	ng	97
56) 4-Nitrophenol	14.619	139	486666	95.810	ng	88
57) 2,4-Dinitrotoluene	14.713	165	538201	47.233	ng	95
58) Fluorene	15.384	166	1618788	44.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	476364	45.776	ng	99
60) Diethylphthalate	15.160	149	1773452	46.181	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	828159	43.075	ng	99
62) 4-Nitroaniline	15.437	138	340659	43.893	ng	95
63) Azobenzene	15.678	77	1712792	47.851	ng	98
65) 4,6-Dinitro-2-methylph...	15.501	198	336675	45.639	ng	98
66) n-Nitrosodiphenylamine	15.601	169	1459447	44.443	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	538078	42.711	ng	96
68) Hexachlorobenzene	16.413	284	596047	42.174	ng	95
69) Atrazine	16.584	200	553567	46.727	ng	99
70) Pentachlorophenol	16.784	266	717764	94.073	ng	98
71) Phenanthrene	17.166	178	2555948	44.183	ng	99
72) Anthracene	17.266	178	2618566	44.314	ng	99
73) Carbazole	17.554	167	2346934	45.055	ng	99
74) Di-n-butylphthalate	18.131	149	2891241	45.101	ng	100
75) Fluoranthene	19.266	202	2847692	43.641	ng	98
77) Benzidine	19.472	184	917605	37.701	ng	99
78) Pyrene	19.636	202	2840688	50.704	ng	100
80) Butylbenzylphthalate	20.577	149	1030909	46.240	ng	99
81) Benzo(a)anthracene	21.554	228	2345269	45.142	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	475891	25.740	ng	97
83) Chrysene	21.624	228	2204954	44.388	ng	100
84) Bis(2-ethylhexyl)phtha...	21.472	149	1339534	43.521	ng	99
85) Di-n-octyl phthalate	22.736	149	2215057	42.148	ng	98
87) Indeno(1,2,3-cd)pyrene	28.718	276	2725835	49.163	ng	99
88) Benzo(b)fluoranthene	23.848	252	2104717	45.914	ng	100
89) Benzo(k)fluoranthene	23.924	252	2161523	46.462	ng	99
90) Benzo(a)pyrene	24.765	252	2049961	46.025	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	2226060	49.251	ng	99
92) Benzo(g,h,i)perylene	29.912	276	2206446	49.824	ng	99

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

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