Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026030.D
Acq On : 29 Oct 2025 10:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 18:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	288854	20.000	ng		0.00
21) Naphthalene-d8	10.449	136	1158283	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	734566	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1497196	20.000	ng		0.00
76) Chrysene-d12	21.566	240	1590140	20.000	ng		0.00
86) Perylene-d12	24.883	264	1674719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	362577	20.712	ng		0.00
7) Phenol-d6	6.849	99	456392	20.484	ng		0.00
23) Nitrobenzene-d5	8.819	82	367535	19.781	ng		0.00
42) 2,4,6-Tribromophenol	15.831	330	154869	19.502	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	1138070	22.262	ng		0.00
79) Terphenyl-d14	19.860	244	1788115	22.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.243	88	81890	11.097	ng		98
3) Pyridine	3.625	79	222154	10.590	ng		98
4) n-Nitrosodimethylamine	3.537	42	86859	10.330	ng	#	96
6) Aniline	7.013	93	311508	10.476	ng		99
8) 2-Chlorophenol	7.249	128	195513	10.086	ng		99
9) Benzaldehyde	6.831	77	123534m	10.666	ng		
10) Phenol	6.878	94	255762	10.340	ng		99
11) bis(2-Chloroethyl)ether	7.114	93	207158	10.612	ng		98
12) 1,3-Dichlorobenzene	7.578	146	239783	10.771	ng		99
13) 1,4-Dichlorobenzene	7.719	146	242788	10.787	ng		99
14) 1,2-Dichlorobenzene	8.031	146	230430	10.729	ng		100
15) Benzyl Alcohol	7.908	79	154491	9.618	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	319172	10.818	ng		99
17) 2-Methylphenol	8.113	107	163076	10.068	ng		99
18) Hexachloroethane	8.755	117	81158	10.537	ng		96
19) n-Nitroso-di-n-propyla...	8.472	70	146354	10.582	ng		99
20) 3+4-Methylphenols	8.431	107	219610	9.746	ng		99
22) Acetophenone	8.490	105	317614	10.842	ng	#	98
24) Nitrobenzene	8.860	77	200078	10.199	ng		98
25) Isophorone	9.378	82	417831	10.506	ng		98
26) 2-Nitrophenol	9.566	139	53200	9.634	ng		96
27) 2,4-Dimethylphenol	9.625	122	177027	10.585	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	269975	10.772	ng		99
29) 2,4-Dichlorophenol	10.096	162	175015	9.911	ng		100
30) 1,2,4-Trichlorobenzene	10.313	180	209064	10.893	ng		97
31) Naphthalene	10.502	128	684226	10.833	ng		99
32) Benzoic acid	9.684	122	58000	10.150	ng		90
33) 4-Chloroaniline	10.596	127	255029	10.507	ng		100
34) Hexachlorobutadiene	10.796	225	133883	10.977	ng		99
35) Caprolactam	11.331	113	57604	9.290	ng		99
36) 4-Chloro-3-methylphenol	11.719	107	181561	9.808	ng		99
37) 2-Methylnaphthalene	12.113	142	476697	10.783	ng		99
38) 1-Methylnaphthalene	12.331	142	463905	10.801	ng		99
40) 1,2,4,5-Tetrachloroben...	12.484	216	245958	10.776	ng		100
41) Hexachlorocyclopentadiene	12.472	237	73538	8.806	ng		95
43) 2,4,6-Trichlorophenol	12.719	196	125693	9.317	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.790	196	151902	9.868	ng		97
46)	1,1'-Biphenyl	13.131	154	614441	10.924	ng		99
47)	2-Chloronaphthalene	13.172	162	479020	10.824	ng		99
48)	2-Nitroaniline	13.366	65	83149	9.741	ng		92
49)	Acenaphthylene	14.031	152	677627	10.506	ng		100
50)	Dimethylphthalate	13.766	163	578145	10.820	ng		100
51)	2,6-Dinitrotoluene	13.878	165	71941	9.731	ng		88
52)	Acenaphthene	14.384	154	471935	10.658	ng		99
53)	3-Nitroaniline	14.201	138	93292	9.962	ng	#	90
54)	2,4-Dinitrophenol	14.413	184	25388	10.017	ng	#	90
55)	Dibenzofuran	14.725	168	733645	10.966	ng		99
56)	4-Nitrophenol	14.513	139	101905	9.565	ng		93
57)	2,4-Dinitrotoluene	14.678	165	105824	9.727	ng		97
58)	Fluorene	15.390	166	595481	11.361	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.954	232	111275	9.194	ng		99
60)	Diethylphthalate	15.166	149	576582	10.734	ng		99
61)	4-Chlorophenyl-phenyle...	15.390	204	294916	11.267	ng		98
62)	4-Nitroaniline	15.390	138	108022	9.461	ng		93
63)	Azobenzene	15.690	77	541815	11.130	ng		100
65)	4,6-Dinitro-2-methylph...	15.448	198	39648	10.014	ng		94
66)	n-Nitrosodiphenylamine	15.601	169	507903	10.850	ng		99
67)	4-Bromophenyl-phenylether	16.301	248	175158	10.547	ng		96
68)	Hexachlorobenzene	16.419	284	204634	10.824	ng		97
69)	Atrazine	16.578	200	159536	10.103	ng		99
70)	Pentachlorophenol	16.766	266	94142	8.152	ng		97
71)	Phenanthrene	17.166	178	964196	11.064	ng		99
72)	Anthracene	17.260	178	945078	10.941	ng		100
73)	Carbazole	17.536	167	877310	10.729	ng		100
74)	Di-n-butylphthalate	18.154	149	912617	9.974	ng		100
75)	Fluoranthene	19.254	202	1100035	10.821	ng		99
77)	Benzidine	19.454	184	327160	8.106	ng		99
78)	Pyrene	19.630	202	1182711	10.997	ng		99
80)	Butylbenzylphthalate	20.607	149	267569	9.589	ng		98
81)	Benzo(a)anthracene	21.542	228	1190374	10.894	ng		100
82)	3,3'-Dichlorobenzidine	21.472	252	310231	8.812	ng		99
83)	Chrysene	21.607	228	1132388	10.940	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.525	149	487334	9.805	ng		100
85)	Di-n-octyl phthalate	22.795	149	653399	6.903	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.618	276	1244503m	10.070	ng		
88)	Benzo(b)fluoranthene	23.830	252	1069169	10.284	ng		99
89)	Benzo(k)fluoranthene	23.901	252	1143258	10.769	ng		100
90)	Benzo(a)pyrene	24.724	252	978750	10.247	ng		99
91)	Dibenzo(a,h)anthracene	28.712	278	1020484	10.142	ng		99
92)	Benzo(g,h,i)perylene	29.777	276	977235	10.093	ng		98

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

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