Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng		0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng		0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng		0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng		0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng		0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng		0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng		100
3) Pyridine	3.708	79	864675	77.049	ng		97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng		100
6) Aniline	7.096	93	1418325	80.049	ng		99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng		99
9) Benzaldehyde	6.914	77	614881	79.569	ng		100
10) Phenol	6.972	94	1090983	80.162	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng		98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng		97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng		99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng		99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng		99
17) 2-Methylphenol	8.208	107	747211	81.433	ng		100
18) Hexachloroethane	8.825	117	362679	76.881	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng		99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng		99
22) Acetophenone	8.572	105	1366991	77.798	ng	#	98
24) Nitrobenzene	8.949	77	1052990	78.746	ng		98
25) Isophorone	9.484	82	2070061	79.012	ng		100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng		96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng		99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng		99
31) Naphthalene	10.578	128	2657135	74.948	ng		99
32) Benzoic acid	9.925	122	680741	87.910	ng		98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng		98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng		100
35) Caprolactam	11.513	113	324639	81.266	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng		96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng		99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng		100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng		97
46)	1,1'-Biphenyl	13.201	154	2497929	74.426	ng		100
47)	2-Chloronaphthalene	13.243	162	1962349	74.255	ng		98
48)	2-Nitroaniline	13.454	65	733091	83.218	ng		97
49)	Acenaphthylene	14.107	152	3311359	75.625	ng		99
50)	Dimethylphthalate	13.843	163	2615037	74.909	ng		99
51)	2,6-Dinitrotoluene	13.954	165	580821	78.530	ng		100
52)	Acenaphthene	14.443	154	1846398	73.121	ng		100
53)	3-Nitroaniline	14.290	138	649230	83.474	ng		100
54)	2,4-Dinitrophenol	14.507	184	382175	79.506	ng		93
55)	Dibenzofuran	14.790	168	2999483	72.882	ng		99
56)	4-Nitrophenol	14.625	139	527475	78.823	ng		98
57)	2,4-Dinitrotoluene	14.760	165	853243	81.062	ng		98
58)	Fluorene	15.454	166	2363617	72.225	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng		98
60)	Diethylphthalate	15.225	149	2678679	75.646	ng		100
61)	4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng		97
62)	4-Nitroaniline	15.472	138	667122	83.790	ng		99
63)	Azobenzene	15.742	77	2578205	75.299	ng		99
65)	4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng		97
66)	n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng		100
67)	4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng		97
68)	Hexachlorobenzene	16.478	284	892102	75.546	ng		96
69)	Atrazine	16.648	200	876809	77.763	ng		99
70)	Pentachlorophenol	16.837	266	629802	80.808	ng		98
71)	Phenanthrene	17.236	178	3960390	72.431	ng		100
72)	Anthracene	17.331	178	4027019	72.588	ng		100
73)	Carbazole	17.607	167	3852545	74.694	ng		99
74)	Di-n-butylphthalate	18.195	149	4705330	74.340	ng		100
75)	Fluoranthene	19.325	202	4786922	72.998	ng		100
77)	Benzidine	19.519	184	2065703	74.384	ng		100
78)	Pyrene	19.701	202	4911699	76.353	ng		100
80)	Butylbenzylphthalate	20.642	149	2268963	80.443	ng		98
81)	Benzo(a)anthracene	21.619	228	5031313	76.229	ng		100
82)	3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng		99
83)	Chrysene	21.689	228	4667905	74.190	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng		100
85)	Di-n-octyl phthalate	22.824	149	5799888	79.012	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	#	84
88)	Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng		99
89)	Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng		99
90)	Benzo(a)pyrene	24.842	252	4896947	76.231	ng		99
91)	Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng		98
92)	Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng		99

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

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