Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025769.D
Acq On : 17 Sep 2025 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 17 13:07:42 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 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	173185	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	666754	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	429441	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	869670	20.000	ng		-0.01
76) Chrysene-d12	21.625	240	945078	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1090693	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	916381	85.378	ng		0.00
7) Phenol-d6	6.943	99	1186093	83.139	ng		0.00
23) Nitrobenzene-d5	8.902	82	1270298	84.040	ng		0.00
42) 2,4,6-Tribromophenol	15.884	330	473551	88.408	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2779480	86.179	ng		0.00
79) Terphenyl-d14	19.901	244	4228079	80.483	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	189529	42.073	ng		97
3) Pyridine	3.708	79	514384	41.469	ng		96
4) n-Nitrosodimethylamine	3.614	42	234509	40.066	ng		99
6) Aniline	7.090	93	787401	40.206	ng		99
8) 2-Chlorophenol	7.331	128	489949	41.610	ng		99
9) Benzaldehyde	6.908	77	278679	32.590	ng		98
10) Phenol	6.972	94	617195	41.029	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	480562	39.762	ng		98
12) 1,3-Dichlorobenzene	7.649	146	553763	41.322	ng		98
13) 1,4-Dichlorobenzene	7.790	146	562206	41.185	ng		98
14) 1,2-Dichlorobenzene	8.102	146	535378	40.371	ng		99
15) Benzyl Alcohol	7.996	79	458926	38.929	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	747810	37.836	ng		99
17) 2-Methylphenol	8.202	107	408022	40.231	ng		99
18) Hexachloroethane	8.819	117	215566	41.342	ng		98
19) n-Nitroso-di-n-propyla...	8.549	70	395032	39.700	ng		98
20) 3+4-Methylphenols	8.525	107	558123	39.294	ng		96
22) Acetophenone	8.566	105	759078	42.601	ng	#	99
24) Nitrobenzene	8.943	77	572699	42.234	ng		97
25) Isophorone	9.466	82	1076863	40.532	ng		100
26) 2-Nitrophenol	9.649	139	271302	45.064	ng		94
27) 2,4-Dimethylphenol	9.707	122	451831	42.780	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	638825	41.597	ng		100
29) 2,4-Dichlorophenol	10.184	162	456074	43.309	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	510577	43.021	ng		98
31) Naphthalene	10.572	128	1494587	41.572	ng		99
32) Benzoic acid	9.878	122	319224	40.652	ng		98
33) 4-Chloroaniline	10.684	127	641783	42.829	ng		100
34) Hexachlorobutadiene	10.855	225	330726	43.289	ng		99
35) Caprolactam	11.478	113	159515	39.295	ng		89
36) 4-Chloro-3-methylphenol	11.819	107	510131	40.632	ng		96
37) 2-Methylnaphthalene	12.178	142	949986	41.141	ng		99
38) 1-Methylnaphthalene	12.396	142	988358	40.138	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	581099	44.655	ng		99
41) Hexachlorocyclopentadiene	12.531	237	292523	41.273	ng		100
43) 2,4,6-Trichlorophenol	12.801	196	385236	45.031	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	411981	43.271	ng		96
46) 1,1'-Biphenyl	13.196	154	1351846	42.887	ng		99
47) 2-Chloronaphthalene	13.237	162	1060854	42.742	ng		100
48) 2-Nitroaniline	13.448	65	354943	42.901	ng		96
49) Acenaphthylene	14.090	152	1740975	42.335	ng		99
50) Dimethylphthalate	13.825	163	1346102	41.057	ng		100
51) 2,6-Dinitrotoluene	13.943	165	294880	42.451	ng		96
52) Acenaphthene	14.437	154	986617	41.602	ng		99
53) 3-Nitroaniline	14.278	138	316169	43.284	ng		98
54) 2,4-Dinitrophenol	14.501	184	171547	40.517	ng		96
55) Dibenzofuran	14.778	168	1590903	41.159	ng		98
56) 4-Nitrophenol	14.625	139	230394	39.056	ng		94
57) 2,4-Dinitrotoluene	14.748	165	431402	43.639	ng		94
58) Fluorene	15.437	166	1267660	41.244	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	373386	43.535	ng		96
60) Diethylphthalate	15.201	149	1357623	40.822	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	636962	41.121	ng		96
62) 4-Nitroaniline	15.460	138	333600	44.579	ng		98
63) Azobenzene	15.725	77	1310077	40.740	ng		100
65) 4,6-Dinitro-2-methylph...	15.525	198	256487	44.347	ng		94
66) n-Nitrosodiphenylamine	15.648	169	1124825	42.264	ng		100
67) 4-Bromophenyl-phenylether	16.342	248	415076	43.445	ng		97
68) Hexachlorobenzene	16.466	284	457685	42.957	ng		92
69) Atrazine	16.619	200	431051	42.372	ng		97
70) Pentachlorophenol	16.819	266	294635	41.900	ng		98
71) Phenanthrene	17.213	178	2018791	40.922	ng		99
72) Anthracene	17.307	178	2085746	41.670	ng		100
73) Carbazole	17.589	167	1929650	41.466	ng		99
74) Di-n-butylphthalate	18.184	149	2382759	41.724	ng		99
75) Fluoranthene	19.301	202	2502712	42.300	ng		100
77) Benzidine	19.501	184	1237336	45.451	ng		99
78) Pyrene	19.678	202	2589027	41.056	ng		99
80) Butylbenzylphthalate	20.630	149	1153154	41.706	ng		99
81) Benzo(a)anthracene	21.601	228	2694945	41.652	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	999261	44.666	ng		100
83) Chrysene	21.672	228	2586426	41.935	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1684056	41.630	ng		99
85) Di-n-octyl phthalate	22.819	149	2995948	41.635	ng		99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3488433	43.981	ng	#	82
88) Benzo(b)fluoranthene	23.930	252	2845602	42.664	ng		99
89) Benzo(k)fluoranthene	23.995	252	2747631	40.370	ng		99
90) Benzo(a)pyrene	24.830	252	2731706	41.822	ng		99
91) Dibenzo(a,h)anthracene	28.895	278	2849000	43.893	ng		99
92) Benzo(g,h,i)perylene	30.012	276	2750875	43.095	ng		100

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

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