Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025962.D
Acq On : 09 Oct 2025 12:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Oct 09 13:19:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 08 16:22:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	242672	20.000	ng	0.00
21) Naphthalene-d8	10.490	136	950887	20.000	ng	0.00
39) Acenaphthene-d10	14.348	164	610598	20.000	ng	0.01
64) Phenanthrene-d10	17.137	188	1188736	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1203757	20.000	ng	0.00
86) Perylene-d12	24.907	264	1329672	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1239115	83.340	ng	0.00
7) Phenol-d6	6.937	99	1609908	81.994	ng	0.00
23) Nitrobenzene-d5	8.878	82	1691570	79.618	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	685821	89.940	ng	0.00
45) 2-Fluorobiphenyl	12.954	172	3685497	81.083	ng	0.00
79) Terphenyl-d14	19.866	244	5596672	83.835	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	226763	36.733	ng	96
3) Pyridine	3.702	79	655972	38.521	ng	94
4) n-Nitrosodimethylamine	3.614	42	284918	35.898	ng	86
6) Aniline	7.072	93	1053862	39.247	ng	99
8) 2-Chlorophenol	7.314	128	672496	41.231	ng	98
9) Benzaldehyde	6.890	77	617718	48.193	ng	97
10) Phenol	6.966	94	835713	40.466	ng	98
11) bis(2-Chloroethyl)ether	7.166	93	654054	39.488	ng	95
12) 1,3-Dichlorobenzene	7.619	146	758607	40.872	ng	98
13) 1,4-Dichlorobenzene	7.766	146	762443	40.290	ng	99
14) 1,2-Dichlorobenzene	8.078	146	735622	40.146	ng	99
15) Benzyl Alcohol	7.978	79	631468	39.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.243	45	952496	35.597	ng	96
17) 2-Methylphenol	8.184	107	554893	39.797	ng	99
18) Hexachloroethane	8.790	117	286755	39.775	ng	97
19) n-Nitroso-di-n-propyla...	8.525	70	513154	37.803	ng	94
20) 3+4-Methylphenols	8.513	107	747229	38.553	ng	98
22) Acetophenone	8.543	105	1016942	40.523	ng	98
24) Nitrobenzene	8.919	77	765608	40.240	ng	97
25) Isophorone	9.443	82	1454434	39.007	ng	100
26) 2-Nitrophenol	9.625	139	379240	44.241	ng	93
27) 2,4-Dimethylphenol	9.690	122	597485	40.421	ng	99
28) bis(2-Chloroethoxy)met...	9.902	93	869651	40.180	ng	99
29) 2,4-Dichlorophenol	10.172	162	623065	41.843	ng	99
30) 1,2,4-Trichlorobenzene	10.355	180	700176	41.595	ng	99
31) Naphthalene	10.543	128	2035987	40.138	ng	99
32) Benzoic acid	9.913	122	430810	39.275	ng	97
33) 4-Chloroaniline	10.660	127	867678	41.239	ng	99
34) Hexachlorobutadiene	10.813	225	459584	42.216	ng	99
35) Caprolactam	11.484	113	261926	44.543	ng	91
36) 4-Chloro-3-methylphenol	11.802	107	703711	39.883	ng	97
37) 2-Methylnaphthalene	12.143	142	1290018	39.707	ng	99
38) 1-Methylnaphthalene	12.366	142	1324464	38.310	ng	98
40) 1,2,4,5-Tetrachloroben...	12.519	216	802927	43.452	ng	99
41) Hexachlorocyclopentadiene	12.490	237	552651	54.171	ng	99
43) 2,4,6-Trichlorophenol	12.778	196	522055	43.205	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	566852	42.311	ng		95
46) 1,1'-Biphenyl	13.166	154	1828672	41.251	ng		99
47) 2-Chloronaphthalene	13.207	162	1437643	41.074	ng		99
48) 2-Nitroaniline	13.431	65	459899	39.847	ng		94
49) Acenaphthylene	14.066	152	2288885	39.624	ng		100
50) Dimethylphthalate	13.796	163	1815024	39.457	ng		100
51) 2,6-Dinitrotoluene	13.925	165	407376	41.602	ng		96
52) Acenaphthene	14.413	154	1295928	38.949	ng		99
53) 3-Nitroaniline	14.272	138	426876	41.656	ng		99
54) 2,4-Dinitrophenol	14.496	184	251595	41.624	ng		96
55) Dibenzofuran	14.754	168	2121017	39.136	ng		98
56) 4-Nitrophenol	14.637	139	356027	42.285	ng		93
57) 2,4-Dinitrotoluene	14.731	165	577928	41.658	ng		94
58) Fluorene	15.413	166	1698355	39.440	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.995	232	505469	42.002	ng		94
60) Diethylphthalate	15.178	149	1786553	38.182	ng		99
61) 4-Chlorophenyl-phenyle...	15.401	204	891920	40.800	ng		97
62) 4-Nitroaniline	15.454	138	411895	39.687	ng		96
63) Azobenzene	15.701	77	1716289	38.338	ng		95
65) 4,6-Dinitro-2-methylph...	15.513	198	365605	45.997	ng		89
66) n-Nitrosodiphenylamine	15.619	169	1515320	42.039	ng		99
67) 4-Bromophenyl-phenylether	16.307	248	574193	44.029	ng		96
68) Hexachlorobenzene	16.437	284	645373	44.167	ng		92
69) Atrazine	16.595	200	567030	41.271	ng		97
70) Pentachlorophenol	16.801	266	375254	40.223	ng		100
71) Phenanthrene	17.184	178	2705223	40.623	ng		99
72) Anthracene	17.284	178	2763483	40.848	ng		99
73) Carbazole	17.566	167	2511628	40.230	ng		100
74) Di-n-butylphthalate	18.131	149	3198382	41.513	ng		99
75) Fluoranthene	19.266	202	3173141	39.778	ng		100
77) Benzidine	19.472	184	1591868	45.901	ng		99
78) Pyrene	19.642	202	3270028	41.000	ng		99
80) Butylbenzylphthalate	20.589	149	1439091	41.329	ng		97
81) Benzo(a)anthracene	21.560	228	3263786	40.054	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	1207846	42.573	ng		99
83) Chrysene	21.630	228	3135468	40.304	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2040841	40.314	ng		100
85) Di-n-octyl phthalate	22.736	149	3633278	40.101	ng		97
87) Indeno(1,2,3-cd)pyrene	28.718	276	3958817	41.438	ng	#	81
88) Benzo(b)fluoranthene	23.860	252	3283782	41.058	ng		99
89) Benzo(k)fluoranthene	23.924	252	3233083	39.601	ng		99
90) Benzo(a)pyrene	24.766	252	3218765	41.008	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	3252991	41.544	ng		98
92) Benzo(g,h,i)perylene	29.901	276	3159982	41.025	ng		98

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

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