Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
Data File : BP025746.D
Acq On : 15 Sep 2025 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 15 10:51:08 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	7.749	152	174430	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	714593	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	477419	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	997393	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1050026	20.000	ng	-0.02
86) Perylene-d12	24.971	264	1168391	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	936199	86.602	ng	0.00
7) Phenol-d6	6.937	99	1260000	87.689	ng	-0.01
23) Nitrobenzene-d5	8.896	82	1408458	86.942	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	517249	86.862	ng	-0.02
45) 2-Fluorobiphenyl	12.990	172	3065893	85.507	ng	0.00
79) Terphenyl-d14	19.901	244	4939282	84.624	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	186728	41.155	ng	99
3) Pyridine	3.708	79	532550	42.627	ng	99
4) n-Nitrosodimethylamine	3.614	42	251225	42.615	ng	98
6) Aniline	7.090	93	853084	43.249	ng	99
8) 2-Chlorophenol	7.325	128	514455	43.380	ng	99
9) Benzaldehyde	6.908	77	299369	34.760	ng	98
10) Phenol	6.966	94	661008	43.628	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	522157	42.895	ng	98
12) 1,3-Dichlorobenzene	7.643	146	565410	41.890	ng	99
13) 1,4-Dichlorobenzene	7.784	146	582582	42.373	ng	98
14) 1,2-Dichlorobenzene	8.102	146	564012	42.227	ng	98
15) Benzyl Alcohol	7.990	79	500966	42.192	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	860084	43.206	ng	100
17) 2-Methylphenol	8.196	107	444352	43.500	ng	99
18) Hexachloroethane	8.819	117	220357	41.960	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	445768	44.479	ng	98
20) 3+4-Methylphenols	8.519	107	606948	42.426	ng	99
22) Acetophenone	8.566	105	834669	43.708	ng	99
24) Nitrobenzene	8.937	77	640590	44.079	ng	98
25) Isophorone	9.460	82	1230214	43.205	ng	100
26) 2-Nitrophenol	9.643	139	288306	44.682	ng	95
27) 2,4-Dimethylphenol	9.701	122	497941	43.989	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	725125	44.055	ng	100
29) 2,4-Dichlorophenol	10.178	162	509140	45.111	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	543449	42.725	ng	100
31) Naphthalene	10.572	128	1642133	42.618	ng	99
32) Benzoic acid	9.878	122	344909	40.983	ng	98
33) 4-Chloroaniline	10.684	127	724422	45.107	ng	99
34) Hexachlorobutadiene	10.854	225	348941	42.615	ng	99
35) Caprolactam	11.478	113	182021	41.837	ng	97
36) 4-Chloro-3-methylphenol	11.813	107	582420	43.284	ng	98
37) 2-Methylnaphthalene	12.178	142	1058613	42.776	ng	99
38) 1-Methylnaphthalene	12.401	142	1115123	42.254	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	638723	44.150	ng	99
41) Hexachlorocyclopentadiene	12.531	237	348336	44.209	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	437527	46.004	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	474097	44.791	ng		98
46) 1,1'-Biphenyl	13.195	154	1556828	44.426	ng		99
47) 2-Chloronaphthalene	13.242	162	1216742	44.097	ng		100
48) 2-Nitroaniline	13.448	65	408275	44.388	ng		99
49) Acenaphthylene	14.101	152	1975887	43.219	ng		100
50) Dimethylphthalate	13.831	163	1565700	42.955	ng		100
51) 2,6-Dinitrotoluene	13.948	165	346244	44.837	ng		98
52) Acenaphthene	14.448	154	1118226	42.413	ng		99
53) 3-Nitroaniline	14.289	138	375372	46.224	ng		97
54) 2,4-Dinitrophenol	14.501	184	202694	42.760	ng		99
55) Dibenzofuran	14.784	168	1819594	42.345	ng		98
56) 4-Nitrophenol	14.613	139	292700	43.992	ng		96
57) 2,4-Dinitrotoluene	14.754	165	500629	45.553	ng		96
58) Fluorene	15.436	166	1432889	41.935	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	423649	44.432	ng		98
60) Diethylphthalate	15.213	149	1569949	42.462	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	721248	41.883	ng		98
62) 4-Nitroaniline	15.466	138	383020	46.040	ng		99
63) Azobenzene	15.736	77	1575146	44.060	ng		99
65) 4,6-Dinitro-2-methylph...	15.525	198	298367	44.982	ng		98
66) n-Nitrosodiphenylamine	15.648	169	1317422	43.162	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	476425	43.480	ng		98
68) Hexachlorobenzene	16.472	284	523408	42.835	ng		96
69) Atrazine	16.625	200	515972	44.224	ng		98
70) Pentachlorophenol	16.825	266	359756	44.609	ng		99
71) Phenanthrene	17.219	178	2398368	42.390	ng		99
72) Anthracene	17.313	178	2464304	42.928	ng		100
73) Carbazole	17.595	167	2319060	43.453	ng		99
74) Di-n-butylphthalate	18.183	149	2880122	43.975	ng		100
75) Fluoranthene	19.307	202	2924123	43.094	ng		99
77) Benzidine	19.501	184	1422969	47.046	ng		99
78) Pyrene	19.683	202	3085091	44.033	ng		100
80) Butylbenzylphthalate	20.624	149	1378211	44.864	ng		96
81) Benzo(a)anthracene	21.607	228	3127563	43.507	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	1147421	46.162	ng		100
83) Chrysene	21.671	228	2947369	43.011	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2002243	44.549	ng		99
85) Di-n-octyl phthalate	22.807	149	3570058	44.655	ng		100
87) Indeno(1,2,3-cd)pyrene	28.795	276	3684338	43.362	ng	#	76
88) Benzo(b)fluoranthene	23.913	252	3124288	43.727	ng		99
89) Benzo(k)fluoranthene	23.977	252	3157530	43.308	ng		100
90) Benzo(a)pyrene	24.818	252	3009586	43.012	ng		99
91) Dibenzo(a,h)anthracene	28.853	278	3003669	43.199	ng		99
92) Benzo(g,h,i)perylene	29.953	276	2948792	43.124	ng		99

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

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