Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143887.D
Acq On : 08 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	125960	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486402	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	269911	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	472445	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292935	20.000	ng	0.00
86) Perylene-d12	15.539	264	279333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	690361	87.034	ng	0.00
7) Phenol-d6	6.504	99	807661	85.425	ng	-0.01
23) Nitrobenzene-d5	7.445	82	698122	87.200	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	229593	85.402	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1292253	75.968	ng	0.00
79) Terphenyl-d14	13.004	244	1469688	85.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	167339	45.590	ng	96
3) Pyridine	3.410	79	470946	44.073	ng	98
4) n-Nitrosodimethylamine	3.357	42	245777	43.724	ng	99
6) Aniline	6.545	93	612125	43.206	ng	100
8) 2-Chlorophenol	6.663	128	336064	43.343	ng	100
9) Benzaldehyde	6.434	77	344173	47.190	ng	98
10) Phenol	6.516	94	512320	45.325	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	374431	42.883	ng	99
12) 1,3-Dichlorobenzene	6.822	146	386003	41.590	ng	99
13) 1,4-Dichlorobenzene	6.898	146	389937	42.592	ng	100
14) 1,2-Dichlorobenzene	7.051	146	371504	42.365	ng	100
15) Benzyl Alcohol	7.022	79	307662	43.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849970	42.766	ng	99
17) 2-Methylphenol	7.128	107	276336	43.125	ng	99
18) Hexachloroethane	7.398	117	132229	43.308	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	264400	40.855	ng	99
20) 3+4-Methylphenols	7.281	107	324012	43.628	ng	99
22) Acetophenone	7.293	105	430827	41.890	ng	99
24) Nitrobenzene	7.463	77	390583	43.931	ng	98
25) Isophorone	7.704	82	708842	41.991	ng	99
26) 2-Nitrophenol	7.781	139	166507	43.683	ng	100
27) 2,4-Dimethylphenol	7.810	122	302712	44.148	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	442013	41.451	ng	99
29) 2,4-Dichlorophenol	8.022	162	303675	42.518	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	294414	41.914	ng	99
31) Naphthalene	8.187	128	930403	42.050	ng	100
32) Benzoic acid	7.916	122	192542	40.574	ng	93
33) 4-Chloroaniline	8.234	127	350152	42.195	ng	99
34) Hexachlorobutadiene	8.304	225	210381	43.101	ng	99
35) Caprolactam	8.604	113	98848	43.527	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	294116	42.870	ng	98
37) 2-Methylnaphthalene	8.881	142	609199	41.333	ng	99
38) 1-Methylnaphthalene	8.981	142	587648	41.105	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	309244	41.454	ng	99
41) Hexachlorocyclopentadiene	9.034	237	131730	42.564	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231235	42.423	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	234730	40.751	ng		98
46) 1,1'-Biphenyl	9.345	154	736853	41.233	ng		100
47) 2-Chloronaphthalene	9.369	162	619098	41.551	ng		98
48) 2-Nitroaniline	9.463	65	212517	45.114	ng		98
49) Acenaphthylene	9.786	152	883075	42.158	ng		100
50) Dimethylphthalate	9.639	163	715543	41.746	ng		99
51) 2,6-Dinitrotoluene	9.704	165	143448	45.132	ng		95
52) Acenaphthene	9.957	154	565291	41.185	ng		99
53) 3-Nitroaniline	9.875	138	172795	44.400	ng		98
54) 2,4-Dinitrophenol	9.981	184	62208	35.918	ng		98
55) Dibenzofuran	10.134	168	802029	41.394	ng		100
56) 4-Nitrophenol	10.028	139	132028	44.805	ng		97
57) 2,4-Dinitrotoluene	10.110	165	198021	45.790	ng		99
58) Fluorene	10.475	166	593723	40.611	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177212	43.461	ng	#	98
60) Diethylphthalate	10.345	149	680061	42.707	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	316950	41.005	ng		100
62) 4-Nitroaniline	10.492	138	166030	44.364	ng		97
63) Azobenzene	10.628	77	701871	42.174	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	98474	41.478	ng		96
66) n-Nitrosodiphenylamine	10.586	169	609002	41.053	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	208885	40.007	ng		96
68) Hexachlorobenzene	11.022	284	247319	40.915	ng		99
69) Atrazine	11.110	200	185337	41.221	ng		99
70) Pentachlorophenol	11.216	266	144078	41.501	ng		98
71) Phenanthrene	11.439	178	927059	40.475	ng		100
72) Anthracene	11.492	178	954456	41.249	ng		99
73) Carbazole	11.645	167	845876	41.276	ng		100
74) Di-n-butylphthalate	11.975	149	1019853	42.939	ng		99
75) Fluoranthene	12.633	202	994203	42.023	ng		100
77) Benzidine	12.751	184	443056	43.559	ng		97
78) Pyrene	12.863	202	1029051	42.137	ng		100
80) Butylbenzylphthalate	13.480	149	354629	44.712	ng		100
81) Benzo(a)anthracene	14.051	228	786049	41.005	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	244496	41.852	ng		98
83) Chrysene	14.092	228	754633	42.533	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	418492	43.772	ng		99
85) Di-n-octyl phthalate	14.657	149	661312	42.113	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	746842	43.634	ng		99
88) Benzo(b)fluoranthene	15.110	252	666065	41.510	ng		99
89) Benzo(k)fluoranthene	15.139	252	671860	45.251	ng		98
90) Benzo(a)pyrene	15.480	252	611488	43.950	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	603140	43.815	ng		99
92) Benzo(g,h,i)perylene	17.492	276	599979	43.585	ng		98

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

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