Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142602.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 04 12:59:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	118699	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	454762	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	238732	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	393948	20.000	ng	0.00
76) Chrysene-d12	14.068	240	204352	20.000	ng	0.00
86) Perylene-d12	15.562	264	242845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	548981	77.920	ng	0.00
7) Phenol-d6	6.528	99	652351	76.919	ng	0.00
23) Nitrobenzene-d5	7.463	82	629736	75.509	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	192130	72.512	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1295479	72.816	ng	-0.01
79) Terphenyl-d14	13.009	244	1062022	71.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	113085	40.111	ng	99
3) Pyridine	3.434	79	291336	40.579	ng	100
4) n-Nitrosodimethylamine	3.387	42	143627	38.529	ng	91
6) Aniline	6.557	93	443290	38.873	ng	98
8) 2-Chlorophenol	6.680	128	295016	38.443	ng	99
9) Benzaldehyde	6.445	77	187772	36.810	ng	99
10) Phenol	6.539	94	366652	38.421	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	264912	38.564	ng	100
12) 1,3-Dichlorobenzene	6.839	146	327542	38.250	ng	98
13) 1,4-Dichlorobenzene	6.916	146	331859	38.473	ng	98
14) 1,2-Dichlorobenzene	7.069	146	318278	38.562	ng	99
15) Benzyl Alcohol	7.039	79	234070	37.347	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	440471	38.182	ng	98
17) 2-Methylphenol	7.151	107	228649	38.162	ng	99
18) Hexachloroethane	7.410	117	112473	37.342	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	187979	35.763	ng	98
20) 3+4-Methylphenols	7.304	107	282080	36.765	ng	93
22) Acetophenone	7.304	105	371017	36.855	ng	96
24) Nitrobenzene	7.480	77	286461	38.084	ng	99
25) Isophorone	7.716	82	510230	36.592	ng	99
26) 2-Nitrophenol	7.798	139	153765	38.258	ng	96
27) 2,4-Dimethylphenol	7.833	122	269485	38.021	ng	99
28) bis(2-Chloroethoxy)met...	7.927	93	327803	37.634	ng	99
29) 2,4-Dichlorophenol	8.039	162	248919	38.617	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	264670	37.834	ng	98
31) Naphthalene	8.204	128	852426	38.068	ng	100
32) Benzoic acid	7.933	122	158349m	36.701	ng	
33) 4-Chloroaniline	8.251	127	346639	38.203	ng	98
34) Hexachlorobutadiene	8.322	225	161618	37.001	ng	99
35) Caprolactam	8.616	113	68535	37.857	ng	97
36) 4-Chloro-3-methylphenol	8.727	107	244876	37.069	ng	98
37) 2-Methylnaphthalene	8.892	142	519756	36.895	ng	99
38) 1-Methylnaphthalene	8.992	142	539212	37.004	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	265705	38.772	ng	99
41) Hexachlorocyclopentadiene	9.045	237	163607	35.390	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	178193	38.561	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184599	37.877	ng		98
46) 1,1'-Biphenyl	9.357	154	697233	37.645	ng		99
47) 2-Chloronaphthalene	9.386	162	520250	38.018	ng		98
48) 2-Nitroaniline	9.480	65	152336	38.514	ng		96
49) Acenaphthylene	9.798	152	875741	37.900	ng		100
50) Dimethylphthalate	9.657	163	586529	37.234	ng		99
51) 2,6-Dinitrotoluene	9.721	165	129876	38.201	ng		96
52) Acenaphthene	9.974	154	528629	37.466	ng		99
53) 3-Nitroaniline	9.892	138	145534	39.191	ng		95
54) 2,4-Dinitrophenol	9.992	184	63055	35.898	ng	#	83
55) Dibenzofuran	10.145	168	763801	37.618	ng		98
56) 4-Nitrophenol	10.045	139	100887	36.821	ng		98
57) 2,4-Dinitrotoluene	10.121	165	170719	38.449	ng		99
58) Fluorene	10.486	166	589914	37.608	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	153400	37.704	ng		98
60) Diethylphthalate	10.357	149	559057	36.339	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	283181	36.750	ng		95
62) 4-Nitroaniline	10.504	138	131390	39.013	ng		96
63) Azobenzene	10.639	77	515846	37.331	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	87089	39.612	ng		96
66) n-Nitrosodiphenylamine	10.598	169	510277	37.861	ng		99
67) 4-Bromophenyl-phenylether	10.968	248	174398	37.439	ng		98
68) Hexachlorobenzene	11.033	284	194341	37.721	ng		99
69) Atrazine	11.121	200	134435	37.559	ng		99
70) Pentachlorophenol	11.227	266	104811	36.033	ng		99
71) Phenanthrene	11.451	178	788124	37.435	ng		100
72) Anthracene	11.504	178	815543	37.956	ng		100
73) Carbazole	11.657	167	698206	38.010	ng		100
74) Di-n-butylphthalate	11.986	149	720252	35.822	ng		100
75) Fluoranthene	12.639	202	727045	36.958	ng		99
77) Benzidine	12.762	184	302958	39.839	ng		98
78) Pyrene	12.868	202	714815	37.497	ng		100
80) Butylbenzylphthalate	13.480	149	213147	40.465	ng		100
81) Benzo(a)anthracene	14.056	228	506384	37.109	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	177988	43.004	ng		99
83) Chrysene	14.092	228	465406	37.957	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	308685	45.778	ng		100
85) Di-n-octyl phthalate	14.656	149	572594	43.428	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	654088	35.877	ng		98
88) Benzo(b)fluoranthene	15.121	252	585519	40.738	ng		98
89) Benzo(k)fluoranthene	15.151	252	448939	33.350	ng		99
90) Benzo(a)pyrene	15.498	252	515945	38.084	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	527220	35.656	ng		98
92) Benzo(g,h,i)perylene	17.533	276	521791	35.281	ng		97

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

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