Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142388.D
Acq On : 15 May 2025 12:18
Operator : RC/JU
Sample : Q1993-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MS

Quant Time: May 15 13:13:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	172758	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	661579	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	349080	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	537648	20.000	ng		0.00
76) Chrysene-d12	14.069	240	310239	20.000	ng		0.00
86) Perylene-d12	15.557	264	367976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	645246	63.759	ng		0.00
7) Phenol-d6	6.522	99	513718	41.273	ng		0.00
23) Nitrobenzene-d5	7.469	82	932224	85.936	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	464026	137.681	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1860447	75.993	ng		0.00
79) Terphenyl-d14	13.010	244	1429949	68.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	78691	17.267	ng		97
3) Pyridine	3.487	79	182339	17.042	ng		98
4) n-Nitrosodimethylamine	3.428	42	115314	18.544	ng		94
6) Aniline	6.563	93	404794	33.156	ng		99
8) 2-Chlorophenol	6.687	128	409681	37.883	ng		97
9) Benzaldehyde	6.451	77	243231	33.388	ng		99
10) Phenol	6.534	94	228634	17.329	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	443232	34.066	ng		97
12) 1,3-Dichlorobenzene	6.846	146	412960	33.378	ng		97
13) 1,4-Dichlorobenzene	6.922	146	422266	33.992	ng		99
14) 1,2-Dichlorobenzene	7.075	146	416285	34.912	ng		99
15) Benzyl Alcohol	7.040	79	272744	33.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	753579	38.785	ng		99
17) 2-Methylphenol	7.151	107	276466	31.577	ng		99
18) Hexachloroethane	7.416	117	140013	33.875	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	329104	42.745	ng		97
20) 3+4-Methylphenols	7.304	107	310142	28.383	ng	#	64
22) Acetophenone	7.310	105	629515	42.795	ng		99
24) Nitrobenzene	7.487	77	471629	46.123	ng		96
25) Isophorone	7.722	82	902585	43.939	ng		100
26) 2-Nitrophenol	7.798	139	254589	51.343	ng		99
27) 2,4-Dimethylphenol	7.834	122	422391	40.898	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	563392	42.653	ng		98
29) 2,4-Dichlorophenol	8.040	162	394568	44.936	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	395832	40.057	ng		99
31) Naphthalene	8.210	128	1302962	40.636	ng		100
32) Benzoic acid	7.904	122	88700	21.457	ng		99
33) 4-Chloroaniline	8.251	127	246466m	18.838	ng		
34) Hexachlorobutadiene	8.322	225	227885	38.945	ng		100
35) Caprolactam	8.622	113	22274	8.704	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	372907	40.855	ng		100
37) 2-Methylnaphthalene	8.898	142	848266	42.575	ng		99
38) 1-Methylnaphthalene	8.998	142	875361	42.153	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	424400	43.530	ng		99
41) Hexachlorocyclopentadiene	9.051	237	507870	84.288	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	314642	51.164	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	304721	46.570	ng		98
46) 1,1'-Biphenyl	9.363	154	1168846	43.670	ng		99
47) 2-Chloronaphthalene	9.387	162	866810	43.548	ng		99
48) 2-Nitroaniline	9.481	65	257479	50.466	ng		91
49) Acenaphthylene	9.804	152	1443735	43.358	ng		100
50) Dimethylphthalate	9.663	163	1038662	46.337	ng		100
51) 2,6-Dinitrotoluene	9.722	165	230553	54.949	ng		89
52) Acenaphthene	9.975	154	963224	48.109	ng		98
53) 3-Nitroaniline	9.886	138	127310	25.872	ng		95
54) 2,4-Dinitrophenol	9.998	184	242565	107.582	ng	#	1
55) Dibenzofuran	10.145	168	1273696	43.106	ng		99
56) 4-Nitrophenol	10.039	139	134214	36.240	ng		97
57) 2,4-Dinitrotoluene	10.122	165	300847	55.899	ng		96
58) Fluorene	10.492	166	958116	42.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	262685	48.631	ng		97
60) Diethylphthalate	10.363	149	1563487	69.844	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	484239	44.510	ng		99
62) 4-Nitroaniline	10.504	138	190164	48.759	ng		100
63) Azobenzene	10.639	77	940653	43.974	ng		99
65) 4,6-Dinitro-2-methylph...	10.534	198	150445	58.228	ng		93
66) n-Nitrosodiphenylamine	10.598	169	859278	48.029	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	304081	49.904	ng		95
68) Hexachlorobenzene	11.039	284	333282	49.725	ng		94
69) Atrazine	11.128	200	213276	45.223	ng		99
70) Pentachlorophenol	11.228	266	371808	105.447	ng		99
71) Phenanthrene	11.451	178	1258546	44.657	ng		100
72) Anthracene	11.504	178	1270435	43.873	ng		100
73) Carbazole	11.657	167	1049104	40.382	ng		99
74) Di-n-butylphthalate	11.986	149	1375619	50.356	ng		100
75) Fluoranthene	12.639	202	1121887	39.823	ng		99
77) Benzidine	12.763	184	62808	11.140	ng		97
78) Pyrene	12.869	202	1088440	39.416	ng		99
80) Butylbenzylphthalate	13.486	149	444086	54.564	ng		98
81) Benzo(a)anthracene	14.057	228	928873	46.232	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	192303	41.159	ng		98
83) Chrysene	14.092	228	851984	45.552	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	604179	56.725	ng		100
85) Di-n-octyl phthalate	14.657	149	1077874	55.501	ng		97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1032531	40.337	ng		98
88) Benzo(b)fluoranthene	15.116	252	1033127	46.356	ng		99
89) Benzo(k)fluoranthene	15.151	252	946000	46.383	ng		99
90) Benzo(a)pyrene	15.492	252	974319	48.786	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	842856	39.856	ng		99
92) Benzo(g,h,i)perylene	17.521	276	790907	37.682	ng		98

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

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