Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142389.D
Acq On : 15 May 2025 12:47
Operator : RC/JU
Sample : Q1993-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Quant Time: May 15 13:30:08 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	172657	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	662026	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	357440	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	546787	20.000	ng		0.00
76) Chrysene-d12	14.068	240	314221	20.000	ng		0.00
86) Perylene-d12	15.557	264	374057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	679597	67.192	ng		0.00
7) Phenol-d6	6.522	99	545778	43.874	ng		0.00
23) Nitrobenzene-d5	7.469	82	981708	90.437	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	496952	144.002	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1972111	78.670	ng		0.00
79) Terphenyl-d14	13.010	244	1560715	73.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	83098	18.245	ng		98
3) Pyridine	3.493	79	193764	18.120	ng		97
4) n-Nitrosodimethylamine	3.434	42	124182	19.981	ng		96
6) Aniline	6.563	93	429774	35.223	ng		99
8) 2-Chlorophenol	6.687	128	429490	39.738	ng		97
9) Benzaldehyde	6.451	77	259230	35.605	ng		100
10) Phenol	6.534	94	239943	18.197	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	465560	35.803	ng		97
12) 1,3-Dichlorobenzene	6.845	146	437405	35.374	ng		98
13) 1,4-Dichlorobenzene	6.922	146	447175	36.019	ng		99
14) 1,2-Dichlorobenzene	7.075	146	440362	36.953	ng		100
15) Benzyl Alcohol	7.039	79	288653	35.835	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	794103	40.894	ng		99
17) 2-Methylphenol	7.151	107	298612	34.126	ng		99
18) Hexachloroethane	7.416	117	149837	36.273	ng		100
19) n-Nitroso-di-n-propyla...	7.316	70	352727	45.840	ng		97
20) 3+4-Methylphenols	7.304	107	327459	29.985	ng	#	67
22) Acetophenone	7.310	105	662853	45.031	ng		99
24) Nitrobenzene	7.487	77	494951	48.371	ng		96
25) Isophorone	7.722	82	961365	46.768	ng		100
26) 2-Nitrophenol	7.798	139	278478	55.742	ng		99
27) 2,4-Dimethylphenol	7.834	122	447099	43.261	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	606692	45.900	ng		99
29) 2,4-Dichlorophenol	8.039	162	420656	47.875	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	418015	42.273	ng		99
31) Naphthalene	8.210	128	1389634	43.310	ng		100
32) Benzoic acid	7.910	122	100050	23.298	ng		98
33) 4-Chloroaniline	8.251	127	254426m	19.433	ng		
34) Hexachlorobutadiene	8.322	225	243324	41.556	ng		99
35) Caprolactam	8.622	113	24538m	9.582	ng		
36) 4-Chloro-3-methylphenol	8.722	107	398461	43.626	ng		99
37) 2-Methylnaphthalene	8.898	142	897809	45.031	ng		100
38) 1-Methylnaphthalene	8.998	142	928360	44.675	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	448092	44.886	ng		99
41) Hexachlorocyclopentadiene	9.051	237	529316	85.793	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	334881	53.182	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	324822	48.481	ng		98
46) 1,1'-Biphenyl	9.363	154	1234418	45.041	ng		99
47) 2-Chloronaphthalene	9.386	162	917216	45.002	ng		99
48) 2-Nitroaniline	9.480	65	282636	54.101	ng		93
49) Acenaphthylene	9.804	152	1533127	44.966	ng		100
50) Dimethylphthalate	9.663	163	1109141	48.324	ng		100
51) 2,6-Dinitrotoluene	9.722	165	244138	56.826	ng		91
52) Acenaphthene	9.975	154	1043039	50.877	ng		100
53) 3-Nitroaniline	9.886	138	130415	25.883	ng		98
54) 2,4-Dinitrophenol	9.998	184	265247	114.370	ng	#	1
55) Dibenzofuran	10.145	168	1352552	44.704	ng		99
56) 4-Nitrophenol	10.045	139	143679	37.888	ng		95
57) 2,4-Dinitrotoluene	10.128	165	321887	58.409	ng		94
58) Fluorene	10.492	166	1019788	44.166	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	281314	50.862	ng		97
60) Diethylphthalate	10.363	149	1662268	72.520	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	514546	46.190	ng		99
62) 4-Nitroaniline	10.504	138	207168	51.876	ng		100
63) Azobenzene	10.639	77	995905	45.468	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	165536	62.409	ng		96
66) n-Nitrosodiphenylamine	10.604	169	916055	50.347	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	325670	52.554	ng		95
68) Hexachlorobenzene	11.039	284	355537	52.158	ng		95
69) Atrazine	11.127	200	235144	49.027	ng		99
70) Pentachlorophenol	11.227	266	397210	110.768	ng		98
71) Phenanthrene	11.451	178	1344429	46.908	ng		100
72) Anthracene	11.504	178	1366126	46.389	ng		100
73) Carbazole	11.657	167	1133485	42.901	ng		99
74) Di-n-butylphthalate	11.986	149	1504794	54.164	ng		100
75) Fluoranthene	12.639	202	1219362	42.560	ng		99
77) Benzidine	12.763	184	82144	14.385	ng		98
78) Pyrene	12.869	202	1194024	42.691	ng		100
80) Butylbenzylphthalate	13.486	149	487221	58.801	ng		98
81) Benzo(a)anthracene	14.057	228	990604	48.680	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	202558	42.804	ng		100
83) Chrysene	14.092	228	918925	48.508	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	661166	60.948	ng		100
85) Di-n-octyl phthalate	14.663	149	1132929	57.300	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1062226	40.822	ng		98
88) Benzo(b)fluoranthene	15.121	252	1077537	47.563	ng		99
89) Benzo(k)fluoranthene	15.151	252	1006024	48.525	ng		100
90) Benzo(a)pyrene	15.498	252	1021358	50.310	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	868581	40.405	ng		98
92) Benzo(g,h,i)perylene	17.521	276	805852	37.770	ng		97

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

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