Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142342.D
Acq On : 13 May 2025 13:45
Operator : RC/JU
Sample : Q1993-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508MSD

Quant Time: May 13 14:18:25 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	221066	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	841600	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	447768	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	724658	20.000	ng		0.00
76) Chrysene-d12	14.074	240	407587	20.000	ng		0.00
86) Perylene-d12	15.562	264	453389	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	871505	67.298	ng		0.00
7) Phenol-d6	6.522	99	702084	44.080	ng		0.00
23) Nitrobenzene-d5	7.469	82	1259491	91.270	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	642952	148.724	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2438446	77.650	ng		0.00
79) Terphenyl-d14	13.016	244	1998010	72.555	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	113173	19.407	ng		99
3) Pyridine	3.493	79	269314	19.670	ng		98
4) n-Nitrosodimethylamine	3.440	42	168771	21.209	ng		97
6) Aniline	6.569	93	597881	38.270	ng		98
8) 2-Chlorophenol	6.687	128	547573	39.569	ng		98
9) Benzaldehyde	6.451	77	356085	38.198	ng		98
10) Phenol	6.534	94	280825	16.633	ng		98
11) bis(2-Chloroethyl)ether	6.639	93	617860	37.110	ng		99
12) 1,3-Dichlorobenzene	6.845	146	562663	35.540	ng		99
13) 1,4-Dichlorobenzene	6.922	146	575974	36.234	ng		99
14) 1,2-Dichlorobenzene	7.075	146	565364	37.054	ng		100
15) Benzyl Alcohol	7.039	79	356873	34.602	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1030130	41.433	ng		99
17) 2-Methylphenol	7.151	107	382890	34.175	ng		100
18) Hexachloroethane	7.422	117	188182	35.580	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	444906	45.158	ng		99
20) 3+4-Methylphenols	7.304	107	423760	30.306	ng	#	76
22) Acetophenone	7.310	105	850113	45.430	ng		98
24) Nitrobenzene	7.486	77	647369	49.767	ng		98
25) Isophorone	7.722	82	1227117	46.959	ng		99
26) 2-Nitrophenol	7.798	139	333366	52.729	ng		97
27) 2,4-Dimethylphenol	7.834	122	584294	44.473	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	775324	46.142	ng		99
29) 2,4-Dichlorophenol	8.039	162	522818	46.806	ng		100
30) 1,2,4-Trichlorobenzene	8.128	180	525741	41.823	ng		100
31) Naphthalene	8.210	128	1743065	42.734	ng		100
32) Benzoic acid	7.910	122	119374	22.299	ng		98
33) 4-Chloroaniline	8.257	127	248882	14.953	ng		100
34) Hexachlorobutadiene	8.328	225	298845	40.148	ng		99
35) Caprolactam	8.633	113	34235m	10.516	ng		
36) 4-Chloro-3-methylphenol	8.728	107	504096	43.415	ng		100
37) 2-Methylnaphthalene	8.898	142	1119426	44.167	ng		99
38) 1-Methylnaphthalene	8.998	142	1176636	44.541	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	556690	44.515	ng		99
41) Hexachlorocyclopentadiene	9.057	237	622413	80.531	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	408130	51.739	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	419470	49.978	ng		100
46) 1,1'-Biphenyl	9.363	154	1566630	45.631	ng		100
47) 2-Chloronaphthalene	9.392	162	1161143	45.478	ng		100
48) 2-Nitroaniline	9.486	65	372559	56.928	ng		94
49) Acenaphthylene	9.810	152	1944287	45.521	ng		100
50) Dimethylphthalate	9.669	163	1418621	49.339	ng		99
51) 2,6-Dinitrotoluene	9.728	165	310344	57.664	ng		92
52) Acenaphthene	9.980	154	1301843	50.691	ng		99
53) 3-Nitroaniline	9.892	138	163608	25.920	ng		97
54) 2,4-Dinitrophenol	9.998	184	322352	111.183	ng	#	1
55) Dibenzofuran	10.151	168	1717820	45.323	ng		99
56) 4-Nitrophenol	10.045	139	191606	40.334	ng		98
57) 2,4-Dinitrotoluene	10.127	165	418571	60.631	ng		98
58) Fluorene	10.492	166	1306634	45.173	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	355309	51.281	ng		100
60) Diethylphthalate	10.369	149	2159612	75.212	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	645158	46.231	ng		100
62) 4-Nitroaniline	10.510	138	284711	56.912	ng		99
63) Azobenzene	10.645	77	1311682	47.805	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	203210	58.337	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1201766	49.837	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	419820	51.118	ng		98
68) Hexachlorobenzene	11.039	284	452855	50.128	ng		99
69) Atrazine	11.133	200	327274	51.487	ng		99
70) Pentachlorophenol	11.233	266	520921	109.611	ng		97
71) Phenanthrene	11.457	178	1767047	46.520	ng		100
72) Anthracene	11.510	178	1790740	45.882	ng		100
73) Carbazole	11.663	167	1530832	43.718	ng		100
74) Di-n-butylphthalate	11.992	149	2006185	54.486	ng		100
75) Fluoranthene	12.645	202	1590916	41.899	ng		100
77) Benzidine	12.763	184	178374	24.082	ng		99
78) Pyrene	12.874	202	1548848	42.692	ng		100
80) Butylbenzylphthalate	13.492	149	648929	60.278	ng		99
81) Benzo(a)anthracene	14.063	228	1278426	48.433	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	261890	42.665	ng		99
83) Chrysene	14.098	228	1180559	48.044	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	882737	62.609	ng		99
85) Di-n-octyl phthalate	14.668	149	1388300	54.565	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1170137	37.101	ng		100
88) Benzo(b)fluoranthene	15.127	252	1329901	48.431	ng		99
89) Benzo(k)fluoranthene	15.157	252	1274067	50.701	ng		100
90) Benzo(a)pyrene	15.504	252	1248896	50.754	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	973904	37.377	ng		100
92) Benzo(g,h,i)perylene	17.527	276	853513	33.004	ng		99

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

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