Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142366.D
Acq On : 14 May 2025 15:20
Operator : RC/JU
Sample : Q1982-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: May 14 15:47:42 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	6.898	152	155049	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631761	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	370580	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	711855	20.000	ng	0.00
76) Chrysene-d12	14.068	240	525246	20.000	ng	0.00
86) Perylene-d12	15.557	264	490879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692630	76.258	ng	0.00
7) Phenol-d6	6.522	99	882025	78.956	ng	0.00
23) Nitrobenzene-d5	7.463	82	520318	50.229	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	331293	92.595	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1192392	45.880	ng	0.00
79) Terphenyl-d14	13.010	244	1573866	44.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	141291	34.544	ng	100
3) Pyridine	3.440	79	385286	40.122	ng	98
4) n-Nitrosodimethylamine	3.387	42	225025	40.319	ng	98
6) Aniline	6.563	93	599443	54.708	ng	98
8) 2-Chlorophenol	6.681	128	441735	45.512	ng	99
9) Benzaldehyde	6.451	77	266588	40.774	ng	100
10) Phenol	6.534	94	576407	48.677	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	408748	35.004	ng	97
12) 1,3-Dichlorobenzene	6.839	146	464430	41.825	ng	99
13) 1,4-Dichlorobenzene	6.916	146	465991	41.797	ng	100
14) 1,2-Dichlorobenzene	7.069	146	451963	42.234	ng	99
15) Benzyl Alcohol	7.039	79	356796	49.324	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	713977	40.944	ng	100
17) 2-Methylphenol	7.145	107	351851	44.777	ng	99
18) Hexachloroethane	7.416	117	161853	43.632	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	298725	43.231	ng	99
20) 3+4-Methylphenols	7.298	107	448388	45.721	ng	99
22) Acetophenone	7.310	105	581115	41.370	ng	100
24) Nitrobenzene	7.481	77	441270	45.191	ng	98
25) Isophorone	7.722	82	845033	43.079	ng	100
26) 2-Nitrophenol	7.798	139	230474	48.886	ng	100
27) 2,4-Dimethylphenol	7.834	122	433405	43.945	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	522841	41.451	ng	99
29) 2,4-Dichlorophenol	8.039	162	387626	46.229	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	391460	41.484	ng	99
31) Naphthalene	8.210	128	1287929	42.063	ng	99
32) Benzoic acid	7.939	122	305779m	55.318	ng	
33) 4-Chloroaniline	8.251	127	217014	17.370	ng	99
34) Hexachlorobutadiene	8.322	225	234355	41.941	ng	99
35) Caprolactam	8.616	113	141799m	58.026	ng	
36) 4-Chloro-3-methylphenol	8.728	107	417111	47.855	ng	100
37) 2-Methylnaphthalene	8.898	142	823265	43.271	ng	98
38) 1-Methylnaphthalene	8.998	142	854916	43.112	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	408491	39.468	ng	99
41) Hexachlorocyclopentadiene	9.051	237	541888	84.716	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	294187	45.063	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	321618	46.301	ng		98
46) 1,1'-Biphenyl	9.363	154	1158375	40.768	ng		99
47) 2-Chloronaphthalene	9.386	162	851834	40.313	ng		99
48) 2-Nitroaniline	9.480	65	274081	50.603	ng		91
49) Acenaphthylene	9.804	152	1497053	42.351	ng		100
50) Dimethylphthalate	9.663	163	1072664	45.078	ng		100
51) 2,6-Dinitrotoluene	9.722	165	236587	53.116	ng		90
52) Acenaphthene	9.975	154	1006646	47.361	ng		100
53) 3-Nitroaniline	9.886	138	199348	38.161	ng		97
54) 2,4-Dinitrophenol	9.992	184	286965	119.014	ng	#	3
55) Dibenzofuran	10.145	168	1332401	42.476	ng		99
56) 4-Nitrophenol	10.045	139	472127	120.085	ng		96
57) 2,4-Dinitrotoluene	10.122	165	335471	58.716	ng		98
58) Fluorene	10.492	166	1031269	43.079	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294911	51.430	ng		97
60) Diethylphthalate	10.363	149	1111846	46.787	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	499460	43.246	ng		99
62) 4-Nitroaniline	10.504	138	275293	66.491	ng		99
63) Azobenzene	10.639	77	1067468	47.008	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	182251	53.887	ng		99
66) n-Nitrosodiphenylamine	10.598	169	957255	40.411	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	332268	41.185	ng		99
68) Hexachlorobenzene	11.033	284	375399	42.302	ng		98
69) Atrazine	11.127	200	315199	50.479	ng		99
70) Pentachlorophenol	11.227	266	477233	102.224	ng		98
71) Phenanthrene	11.451	178	1558066	41.756	ng		100
72) Anthracene	11.504	178	1581175	41.241	ng		100
73) Carbazole	11.657	167	1524800	44.329	ng		100
74) Di-n-butylphthalate	11.986	149	1876651	51.885	ng		100
75) Fluoranthene	12.639	202	1740035	46.650	ng		99
77) Benzidine	12.763	184	1084279	113.594	ng		98
78) Pyrene	12.868	202	1750839	37.450	ng		100
80) Butylbenzylphthalate	13.486	149	763189	55.331	ng		98
81) Benzo(a)anthracene	14.057	228	1482251	43.576	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	294906	37.281	ng		99
83) Chrysene	14.098	228	1295990	40.927	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	1043286	57.772	ng		100
85) Di-n-octyl phthalate	14.662	149	1689536	51.966	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1251333	36.645	ng		100
88) Benzo(b)fluoranthene	15.121	252	1425761	47.956	ng		99
89) Benzo(k)fluoranthene	15.151	252	1127681	41.448	ng		100
90) Benzo(a)pyrene	15.498	252	1206289	45.278	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1024841	36.328	ng		99
92) Benzo(g,h,i)perylene	17.521	276	953165	34.043	ng		98

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

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