Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142204.D
Acq On : 21 Apr 2025 13:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Apr 22 02:03:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 01:58:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	609907	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2232349	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1277505	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2180134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1377336	20.000	ng	0.00
86) Perylene-d12	15.504	264	1484280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3182296	97.823	ng	0.00
7) Phenol-d6	6.492	99	3942648	96.775	ng	0.00
23) Nitrobenzene-d5	7.434	82	3442608	96.851	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1790366	102.501	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	6474295	82.604	ng	0.00
79) Terphenyl-d14	12.974	244	6992233	85.049	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	636632	48.212	ng	97
3) Pyridine	3.375	79	1436565	50.122	ng	98
4) n-Nitrosodimethylamine	3.328	42	601536	51.689	ng	94
6) Aniline	6.528	93	1740733	46.274	ng	98
8) 2-Chlorophenol	6.651	128	1823018	48.957	ng	99
9) Benzaldehyde	6.416	77	1043083	46.633	ng	99
10) Phenol	6.510	94	2092683	48.700	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1590849	49.092	ng	98
12) 1,3-Dichlorobenzene	6.804	146	2037607	48.288	ng	99
13) 1,4-Dichlorobenzene	6.881	146	2067930	47.782	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1917794	47.633	ng	99
15) Benzyl Alcohol	7.004	79	1496999	50.395	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1542179	49.099	ng	100
17) 2-Methylphenol	7.116	107	1383290	49.358	ng	99
18) Hexachloroethane	7.375	117	712490	48.461	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	1100118	47.752	ng	99
20) 3+4-Methylphenols	7.269	107	1707743	48.995	ng	95
22) Acetophenone	7.275	105	2326644	47.482	ng	97
24) Nitrobenzene	7.451	77	1732454	49.197	ng	98
25) Isophorone	7.686	82	2914438	48.845	ng	100
26) 2-Nitrophenol	7.763	139	972175	52.520	ng	99
27) 2,4-Dimethylphenol	7.798	122	1228070	51.024	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1920423	49.040	ng	99
29) 2,4-Dichlorophenol	8.004	162	1652054	50.469	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1860606	48.605	ng	100
31) Naphthalene	8.169	128	4921869	46.673	ng	98
32) Benzoic acid	7.928	122	1106070	49.472	ng	99
33) 4-Chloroaniline	8.222	127	1851815	48.498	ng	99
34) Hexachlorobutadiene	8.286	225	1216090	48.139	ng	98
35) Caprolactam	8.592	113	462448	52.958	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	1628612	49.425	ng	97
37) 2-Methylnaphthalene	8.857	142	3512806	48.200	ng	99
38) 1-Methylnaphthalene	8.957	142	3373357	47.805	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1991650	47.647	ng	99
41) Hexachlorocyclopentadiene	9.010	237	689973	53.830	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1241715	50.882	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	1323919	50.613	ng	100
46) 1,1'-Biphenyl	9.322	154	4230784	46.184	ng	98
47) 2-Chloronaphthalene	9.351	162	3340875	46.985	ng	99
48) 2-Nitroaniline	9.445	65	847744	50.862	ng	99
49) Acenaphthylene	9.763	152	4707382	46.837	ng	98
50) Dimethylphthalate	9.627	163	3889305	47.483	ng	100
51) 2,6-Dinitrotoluene	9.686	165	913705	49.686	ng	99
52) Acenaphthene	9.939	154	3455698	47.714	ng	99
53) 3-Nitroaniline	9.857	138	881139	50.007	ng	97
54) 2,4-Dinitrophenol	9.963	184	490011	54.404	ng	97
55) Dibenzofuran	10.110	168	4646035	45.758	ng	97
56) 4-Nitrophenol	10.010	139	688860	53.444	ng	97
57) 2,4-Dinitrotoluene	10.092	165	1198406	50.455	ng	99
58) Fluorene	10.451	166	3690555	46.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1205116	51.532	ng	98
60) Diethylphthalate	10.322	149	3688889	48.230	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	2041912	47.214	ng	98
62) 4-Nitroaniline	10.469	138	867626	51.804	ng	99
63) Azobenzene	10.604	77	3199494	48.040	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	671047	52.731	ng	98
66) n-Nitrosodiphenylamine	10.563	169	3198716	47.872	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	1399305	48.805	ng	100
68) Hexachlorobenzene	10.998	284	1656836	48.559	ng	100
69) Atrazine	11.086	200	884832	54.265	ng	100
70) Pentachlorophenol	11.192	266	968375	55.635	ng	99
71) Phenanthrene	11.416	178	4994835	46.136	ng	97
72) Anthracene	11.469	178	5045026	46.605	ng	97
73) Carbazole	11.621	167	4477008	47.340	ng	97
74) Di-n-butylphthalate	11.945	149	4801543	49.054	ng	98
75) Fluoranthene	12.604	202	5203428	46.238	ng	97
77) Benzidine	12.727	184	1034866	58.223	ng	98
78) Pyrene	12.833	202	5168816	47.251	ng	97
80) Butylbenzylphthalate	13.445	149	1491142	56.317	ng	100
81) Benzo(a)anthracene	14.021	228	4127639	49.479	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	1329717	53.527	ng	100
83) Chrysene	14.057	228	3852046	47.925	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	1946586	54.955	ng	99
85) Di-n-octyl phthalate	14.615	149	3347714	53.361	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	5244836	50.364	ng	99
88) Benzo(b)fluoranthene	15.074	252	4224463	50.731	ng	99
89) Benzo(k)fluoranthene	15.104	252	3934065	47.768	ng	99
90) Benzo(a)pyrene	15.439	252	3717391	49.882	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	4295766	50.568	ng	100
92) Benzo(g,h,i)perylene	17.445	276	4457551	50.379	ng	100

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

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