Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142211.D
Acq On : 22 Apr 2025 14:44
Operator : RC/JU
Sample : PB167672BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167672BS

Quant Time: Apr 22 15:11:07 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 02:14:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	454794	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	1778060	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	986845	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	1683111	20.000	ng		0.00
76) Chrysene-d12	14.033	240	969588	20.000	ng		0.00
86) Perylene-d12	15.510	264	1146363	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2081397	85.804	ng		0.02
7) Phenol-d6	6.498	99	2559975	84.267	ng		0.00
23) Nitrobenzene-d5	7.428	82	2460214	86.897	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	1148721	85.136	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	5122626	84.608	ng		0.00
79) Terphenyl-d14	12.975	244	5245486	90.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	350439	35.590	ng		99
3) Pyridine	3.469	79	907746	42.474	ng		99
4) n-Nitrosodimethylamine	3.416	42	383482	44.190	ng	#	99
6) Aniline	6.528	93	1081277	38.547	ng	#	89
8) 2-Chlorophenol	6.651	128	1288763	46.413	ng		99
9) Benzaldehyde	6.416	77	622352	37.313	ng		98
10) Phenol	6.510	94	1471069	45.910	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	1055080	43.664	ng		98
12) 1,3-Dichlorobenzene	6.810	146	1408763	44.772	ng		99
13) 1,4-Dichlorobenzene	6.887	146	1411369	43.734	ng		99
14) 1,2-Dichlorobenzene	7.040	146	1375432	45.814	ng		99
15) Benzyl Alcohol	7.010	79	1036511	46.794	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1062520	45.365	ng		92
17) 2-Methylphenol	7.122	107	1012237	48.437	ng		98
18) Hexachloroethane	7.381	117	511919	46.695	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	781891	45.515	ng		99
20) 3+4-Methylphenols	7.275	107	1229631	47.310	ng		91
22) Acetophenone	7.275	105	1682163	43.101	ng		96
24) Nitrobenzene	7.451	77	1244975	44.387	ng		100
25) Isophorone	7.687	82	2237769	47.087	ng		99
26) 2-Nitrophenol	7.763	139	707013	47.954	ng		96
27) 2,4-Dimethylphenol	7.804	122	1163165	60.675	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1394963	44.723	ng		99
29) 2,4-Dichlorophenol	8.010	162	1130146	43.346	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	1305890	42.830	ng		98
31) Naphthalene	8.169	128	3592861	42.776	ng		99
32) Benzoic acid	7.928	122	703546	40.893	ng		98
33) 4-Chloroaniline	8.222	127	435377	14.315	ng		99
34) Hexachlorobutadiene	8.287	225	863956	42.938	ng		99
35) Caprolactam	8.592	113	324719m	46.687	ng		
36) 4-Chloro-3-methylphenol	8.704	107	1165678	44.414	ng		99
37) 2-Methylnaphthalene	8.863	142	2281698	39.307	ng		99
38) 1-Methylnaphthalene	8.963	142	2359383	41.979	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	1380442	42.752	ng		99
41) Hexachlorocyclopentadiene	9.016	237	1850364	186.881	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	870794	46.193	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	896425	44.363	ng	97
46) 1,1'-Biphenyl	9.328	154	3104406	43.870	ng	100
47) 2-Chloronaphthalene	9.351	162	2433061	44.296	ng	99
48) 2-Nitroaniline	9.445	65	609375	47.329	ng	94
49) Acenaphthylene	9.769	152	3653876	47.063	ng	100
50) Dimethylphthalate	9.628	163	2836336	44.827	ng	100
51) 2,6-Dinitrotoluene	9.692	165	641418	45.153	ng	99
52) Acenaphthene	9.939	154	2740165m	48.978	ng	
53) 3-Nitroaniline	9.857	138	289393	21.261	ng	92
54) 2,4-Dinitrophenol	9.969	184	785295	112.869	ng	96
55) Dibenzofuran	10.110	168	3345770	42.657	ng	98
56) 4-Nitrophenol	10.028	139	915444	91.942	ng	98
57) 2,4-Dinitrotoluene	10.092	165	892061	48.619	ng	97
58) Fluorene	10.457	166	2700086	44.502	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	811524	44.922	ng	100
60) Diethylphthalate	10.328	149	2687801	45.492	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1458223	43.649	ng	99
62) 4-Nitroaniline	10.475	138	575486	44.481	ng	96
63) Azobenzene	10.604	77	2288089	44.474	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	510956	52.007	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2334943	45.264	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	963042	43.508	ng	100
68) Hexachlorobenzene	11.004	284	1139419	43.256	ng	99
69) Atrazine	11.092	200	801362	63.658	ng	99
70) Pentachlorophenol	11.198	266	1193219	88.796	ng	99
71) Phenanthrene	11.416	178	3792389	45.374	ng	100
72) Anthracene	11.469	178	3876240	46.382	ng	100
73) Carbazole	11.622	167	3197354	43.793	ng	99
74) Di-n-butylphthalate	11.951	149	3557598	47.078	ng	100
75) Fluoranthene	12.604	202	3677228	42.325	ng	99
77) Benzidine	12.727	184	695113	55.555	ng	99
78) Pyrene	12.833	202	3586889	46.579	ng	99
80) Butylbenzylphthalate	13.451	149	1035601	55.561	ng	98
81) Benzo(a)anthracene	14.022	228	2800475	47.687	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	316042	18.072	ng	97
83) Chrysene	14.063	228	2362561	41.755	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1349302	54.112	ng	99
85) Di-n-octyl phthalate	14.621	149	2476067	56.065	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	3785133	47.061	ng	99
88) Benzo(b)fluoranthene	15.074	252	2955291	45.951	ng	100
89) Benzo(k)fluoranthene	15.104	252	2588845	40.754	ng	100
90) Benzo(a)pyrene	15.445	252	2779396	48.289	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3084163	47.007	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3026643	44.290	ng	99

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

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