Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142205.D
Acq On : 21 Apr 2025 14:02
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Apr 22 02:03:53 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	616279	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	2213600	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	1236465	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	2095728	20.000	ng		0.00
76) Chrysene-d12	14.033	240	1348321	20.000	ng		0.00
86) Perylene-d12	15.504	264	1537238	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3813648	116.019	ng		0.00
7) Phenol-d6	6.498	99	4769026	115.848	ng		0.00
23) Nitrobenzene-d5	7.434	82	4131873	117.226	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	2139046	126.528	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	7218795	95.159	ng		0.00
79) Terphenyl-d14	12.974	244	7597917	94.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	770065	57.714	ng		98
3) Pyridine	3.375	79	1739640	60.069	ng		99
4) n-Nitrosodimethylamine	3.340	42	719585	61.193	ng	#	93
6) Aniline	6.534	93	2061385	54.231	ng		99
8) 2-Chlorophenol	6.651	128	2194700	58.329	ng		97
9) Benzaldehyde	6.416	77	1238932	54.816	ng		100
10) Phenol	6.510	94	2545250	58.619	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	1956282	59.745	ng		98
12) 1,3-Dichlorobenzene	6.810	146	2431944	57.038	ng		98
13) 1,4-Dichlorobenzene	6.887	146	2480068	56.713	ng		99
14) 1,2-Dichlorobenzene	7.040	146	2278503	56.008	ng		99
15) Benzyl Alcohol	7.010	79	1793329	59.747	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1846107	58.167	ng		97
17) 2-Methylphenol	7.116	107	1708169	60.320	ng		100
18) Hexachloroethane	7.375	117	872149	58.707	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	1322462	56.810	ng		98
20) 3+4-Methylphenols	7.275	107	2007004	56.985	ng		95
22) Acetophenone	7.281	105	2779764	57.210	ng		99
24) Nitrobenzene	7.451	77	2073500	59.380	ng		97
25) Isophorone	7.687	82	3511512	59.351	ng		100
26) 2-Nitrophenol	7.763	139	1210574	65.953	ng		99
27) 2,4-Dimethylphenol	7.798	122	1498782	62.800	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	2284729	58.837	ng		99
29) 2,4-Dichlorophenol	8.004	162	1968171	60.635	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	2230724	58.767	ng		100
31) Naphthalene	8.169	128	5655869	54.088	ng		96
32) Benzoic acid	7.939	122	1403483	61.384	ng		99
33) 4-Chloroaniline	8.222	127	2197559	58.040	ng		100
34) Hexachlorobutadiene	8.286	225	1476054	58.924	ng		99
35) Caprolactam	8.598	113	566180	65.386	ng		95
36) 4-Chloro-3-methylphenol	8.698	107	1978240	60.544	ng		98
37) 2-Methylnaphthalene	8.863	142	4033478	55.813	ng		100
38) 1-Methylnaphthalene	8.963	142	3901433	55.757	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2365444	58.468	ng		99
41) Hexachlorocyclopentadiene	9.010	237	847013	68.276	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	1469667	62.222	ng		98

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44) 2,4,5-Trichlorophenol	9.181	196	1601362	63.251	ng	98
46) 1,1'-Biphenyl	9.328	154	4807939	54.226	ng	95
47) 2-Chloronaphthalene	9.351	162	3945490	57.329	ng	97
48) 2-Nitroaniline	9.445	65	1018914	63.161	ng	98
49) Acenaphthylene	9.769	152	5336299	54.857	ng	95
50) Dimethylphthalate	9.628	163	4665173	58.846	ng	99
51) 2,6-Dinitrotoluene	9.692	165	1084356	60.923	ng	98
52) Acenaphthene	9.939	154	4089310	58.336	ng	98
53) 3-Nitroaniline	9.857	138	998302	58.536	ng	95
54) 2,4-Dinitrophenol	9.963	184	614577	70.499	ng	98
55) Dibenzofuran	10.110	168	5386705	54.813	ng	95
56) 4-Nitrophenol	10.016	139	828927	66.446	ng	96
57) 2,4-Dinitrotoluene	10.092	165	1452828	63.197	ng	99
58) Fluorene	10.451	166	4256894	55.996	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1446909	63.925	ng	98
60) Diethylphthalate	10.322	149	4278367	57.794	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	2422507	57.874	ng	98
62) 4-Nitroaniline	10.475	138	1028845	63.469	ng	99
63) Azobenzene	10.604	77	3681883	57.118	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	826648	67.574	ng	99
66) n-Nitrosodiphenylamine	10.563	169	3742449	58.266	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1654029	60.013	ng	99
68) Hexachlorobenzene	10.998	284	1952979	59.544	ng	99
70) Pentachlorophenol	11.192	266	1160747	69.373	ng	99
71) Phenanthrene	11.416	178	5691957	54.693	ng	95
72) Anthracene	11.469	178	5713319	54.904	ng	95
73) Carbazole	11.622	167	5095707	56.052	ng	96
74) Di-n-butylphthalate	11.951	149	5379091	57.167	ng	97
75) Fluoranthene	12.604	202	5780606	53.436	ng	96
77) Benzidine	12.727	184	1151428	66.175	ng	99
78) Pyrene	12.833	202	5713416	53.353	ng	95
80) Butylbenzylphthalate	13.445	149	1813777	69.977	ng	99
81) Benzo(a)anthracene	14.021	228	4813166	58.938	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	1663107	68.388	ng	99
83) Chrysene	14.057	228	4537776	57.672	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	2447206	70.574	ng	99
85) Di-n-octyl phthalate	14.621	149	4168419	67.873	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	6529994	60.544	ng	99
88) Benzo(b)fluoranthene	15.074	252	5031379	58.339	ng	98
89) Benzo(k)fluoranthene	15.104	252	5107601	59.880	ng	98
90) Benzo(a)pyrene	15.445	252	4675726	60.580	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	5326001	60.536	ng	99
92) Benzo(g,h,i)perylene	17.451	276	5580301	60.896	ng	100

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

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