Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140235.D
Acq On : 05 Nov 2024 14:11
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 16:07:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 15:55:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	201300	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	739114	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	424404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	741987	20.000	ng	0.00
76) Chrysene-d12	14.063	240	448378	20.000	ng	0.00
86) Perylene-d12	15.562	264	424484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	932970	76.807	ng	0.00
7) Phenol-d6	6.504	99	1203719	77.043	ng	0.00
23) Nitrobenzene-d5	7.445	82	1157828	77.884	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	328851	78.391	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2008505	75.569	ng	0.00
79) Terphenyl-d14	12.998	244	2078512	75.938	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	221368	39.639	ng	100
3) Pyridine	3.428	79	539515	39.593	ng	100
4) n-Nitrosodimethylamine	3.393	42	313834	39.892	ng	100
6) Aniline	6.545	93	549541	38.931	ng	100
8) 2-Chlorophenol	6.663	128	488589	38.443	ng	100
9) Benzaldehyde	6.428	77	382096	39.702	ng	100
10) Phenol	6.522	94	641151	38.639	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	486877	38.624	ng	100
12) 1,3-Dichlorobenzene	6.822	146	568767	38.189	ng	100
13) 1,4-Dichlorobenzene	6.898	146	573058	38.150	ng	100
14) 1,2-Dichlorobenzene	7.051	146	527138	37.573	ng	100
15) Benzyl Alcohol	7.016	79	475780	39.503	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	788093	38.624	ng	100
17) 2-Methylphenol	7.128	107	413733	39.023	ng	100
18) Hexachloroethane	7.392	117	214636	38.360	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	382128	38.338	ng	100
20) 3+4-Methylphenols	7.281	107	514005	38.602	ng	100
22) Acetophenone	7.287	105	701041	38.256	ng	100
24) Nitrobenzene	7.463	77	612281	39.252	ng	100
25) Isophorone	7.698	82	997249	38.959	ng	100
26) 2-Nitrophenol	7.775	139	252459	40.686	ng	100
27) 2,4-Dimethylphenol	7.804	122	330723	39.178	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	591584	38.620	ng	100
29) 2,4-Dichlorophenol	8.016	162	411115	39.367	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	484648	38.728	ng	100
31) Naphthalene	8.181	128	1465665	38.402	ng	100
32) Benzoic acid	7.928	122	285770	41.211	ng	100
33) 4-Chloroaniline	8.228	127	487566	38.804	ng	100
34) Hexachlorobutadiene	8.298	225	328083	38.733	ng	100
35) Caprolactam	8.610	113	125350	39.457	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	461679	39.706	ng	100
37) 2-Methylnaphthalene	8.869	142	952065	38.221	ng	100
38) 1-Methylnaphthalene	8.969	142	936784	38.369	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	477398	38.424	ng	100
41) Hexachlorocyclopentadiene	9.022	237	155401	44.636	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	306499	39.809	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	316737	39.126	ng	100
46) 1,1'-Biphenyl	9.339	154	1167873	38.070	ng	100
47) 2-Chloronaphthalene	9.363	162	891580	38.615	ng	100
48) 2-Nitroaniline	9.457	65	312804	40.511	ng	100
49) Acenaphthylene	9.780	152	1261736	38.599	ng	100
50) Dimethylphthalate	9.639	163	1010651	38.667	ng	100
51) 2,6-Dinitrotoluene	9.704	165	243054	39.561	ng	100
52) Acenaphthene	9.951	154	898486	38.752	ng	100
53) 3-Nitroaniline	9.875	138	227936	39.400	ng	100
54) 2,4-Dinitrophenol	9.975	184	108966	39.501	ng	100
55) Dibenzofuran	10.127	168	1245474	38.415	ng	100
56) 4-Nitrophenol	10.028	139	172375	42.377	ng	100
57) 2,4-Dinitrotoluene	10.104	165	317622	39.839	ng	100
58) Fluorene	10.469	166	979791	37.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	258822	39.028	ng	100
60) Diethylphthalate	10.339	149	1006201	38.739	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	493246	37.922	ng	100
62) 4-Nitroaniline	10.492	138	229397	39.902	ng	100
63) Azobenzene	10.622	77	1034313	38.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	162780	41.771	ng	100
66) n-Nitrosodiphenylamine	10.580	169	817000	38.283	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	309696	38.761	ng	100
68) Hexachlorobenzene	11.016	284	351085	38.549	ng	100
69) Atrazine	11.104	200	231662	39.677	ng	100
70) Pentachlorophenol	11.210	266	204837	41.885	ng	100
71) Phenanthrene	11.433	178	1357899	38.348	ng	100
72) Anthracene	11.486	178	1326144	38.193	ng	100
73) Carbazole	11.639	167	1219377	38.434	ng	100
74) Di-n-butylphthalate	11.969	149	1447372	38.540	ng	100
75) Fluoranthene	12.621	202	1409323	38.063	ng	100
77) Benzidine	12.745	184	438973	50.073	ng	100
78) Pyrene	12.851	202	1425552	38.506	ng	100
80) Butylbenzylphthalate	13.468	149	535390	40.162	ng	100
81) Benzo(a)anthracene	14.051	228	1104611	38.388	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	373765	41.363	ng	100
83) Chrysene	14.086	228	1034634	38.396	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	734105	39.291	ng	100
85) Di-n-octyl phthalate	14.674	149	1136607	40.417	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1014754	40.725	ng	100
88) Benzo(b)fluoranthene	15.127	252	1056855	41.161	ng	100
89) Benzo(k)fluoranthene	15.157	252	871802	37.002	ng	100
90) Benzo(a)pyrene	15.504	252	842886	39.816	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	830761	40.525	ng	100
92) Benzo(g,h,i)perylene	17.539	276	844017	40.360	ng	100

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

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