Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140251.D
Acq On : 05 Nov 2024 21:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 05 23:57:26 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 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	270732	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	983427	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	572181	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	998648	20.000	ng	0.00
76) Chrysene-d12	14.057	240	586799	20.000	ng	0.00
86) Perylene-d12	15.551	264	581205	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1227360	75.129	ng	0.00
7) Phenol-d6	6.510	99	1566796	74.564	ng	0.00
23) Nitrobenzene-d5	7.445	82	1492472	75.454	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	465933	82.383	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2605750	72.719	ng	0.00
79) Terphenyl-d14	12.998	244	2746750	76.679	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	297236	39.575	ng	97
3) Pyridine	3.428	79	730415	39.856	ng	97
4) n-Nitrosodimethylamine	3.404	42	403925	38.176	ng	94
6) Aniline	6.545	93	732452	38.582	ng	100
8) 2-Chlorophenol	6.669	128	646374	37.815	ng	96
9) Benzaldehyde	6.434	77	482556	37.281	ng	97
10) Phenol	6.522	94	841417	37.703	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	652085	38.464	ng	98
12) 1,3-Dichlorobenzene	6.822	146	757900	37.837	ng	99
13) 1,4-Dichlorobenzene	6.898	146	759611	37.600	ng	99
14) 1,2-Dichlorobenzene	7.051	146	693430	36.750	ng	99
15) Benzyl Alcohol	7.022	79	615992	38.028	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	996542	36.315	ng	98
17) 2-Methylphenol	7.128	107	550171	38.584	ng	100
18) Hexachloroethane	7.392	117	285370	37.922	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	499626	37.271	ng	97
20) 3+4-Methylphenols	7.287	107	660501	36.882	ng	94
22) Acetophenone	7.292	105	916127	37.573	ng	96
24) Nitrobenzene	7.463	77	788051	37.969	ng	98
25) Isophorone	7.704	82	1326762	38.955	ng	99
26) 2-Nitrophenol	7.775	139	336819	40.796	ng	99
27) 2,4-Dimethylphenol	7.810	122	444846	39.606	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	785322	38.531	ng	100
29) 2,4-Dichlorophenol	8.016	162	548362	39.465	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	643867	38.669	ng	99
31) Naphthalene	8.181	128	1892818	37.273	ng	100
32) Benzoic acid	7.945	122	389839	42.293	ng	100
33) 4-Chloroaniline	8.228	127	651775	38.986	ng	99
34) Hexachlorobutadiene	8.298	225	433944	38.504	ng	100
35) Caprolactam	8.622	113	170454	40.326	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	603519	39.010	ng	98
37) 2-Methylnaphthalene	8.869	142	1252720	37.798	ng	99
38) 1-Methylnaphthalene	8.975	142	1210452	37.261	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	638715	38.131	ng	99
41) Hexachlorocyclopentadiene	9.022	237	211702	45.103	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	406329	39.145	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	428624	39.272	ng	98
46) 1,1'-Biphenyl	9.339	154	1523223	36.830	ng	100
47) 2-Chloronaphthalene	9.363	162	1160728	37.289	ng	98
48) 2-Nitroaniline	9.457	65	406116	39.012	ng	99
49) Acenaphthylene	9.781	152	1635591	37.113	ng	99
50) Dimethylphthalate	9.645	163	1357105	38.512	ng	100
51) 2,6-Dinitrotoluene	9.704	165	322879	38.980	ng	98
52) Acenaphthene	9.957	154	1185144	37.914	ng	98
53) 3-Nitroaniline	9.875	138	307329	39.404	ng	99
54) 2,4-Dinitrophenol	9.980	184	152438	40.757	ng	91
55) Dibenzofuran	10.128	168	1617655	37.008	ng	99
56) 4-Nitrophenol	10.028	139	232268	42.354	ng	98
57) 2,4-Dinitrotoluene	10.110	165	427820	39.802	ng	99
58) Fluorene	10.469	166	1283508	36.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	356764	39.903	ng	97
60) Diethylphthalate	10.345	149	1327015	37.896	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	651514	37.153	ng	97
62) 4-Nitroaniline	10.498	138	304947	39.344	ng	98
63) Azobenzene	10.622	77	1338479	36.872	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	228367	43.540	ng	96
66) n-Nitrosodiphenylamine	10.580	169	1083785	37.732	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	428542	39.850	ng	99
68) Hexachlorobenzene	11.022	284	484930	39.561	ng	95
69) Atrazine	11.104	200	276183	35.145	ng	98
70) Pentachlorophenol	11.210	266	285800	43.420	ng	98
71) Phenanthrene	11.433	178	1779174	37.331	ng	100
72) Anthracene	11.486	178	1751272	37.474	ng	100
73) Carbazole	11.639	167	1615592	37.835	ng	99
74) Di-n-butylphthalate	11.969	149	1940271	38.387	ng	100
75) Fluoranthene	12.621	202	1865022	37.425	ng	100
77) Benzidine	12.745	184	422372	36.815	ng	99
78) Pyrene	12.857	202	1872030	38.638	ng	100
80) Butylbenzylphthalate	13.469	149	706783	40.512	ng	99
81) Benzo(a)anthracene	14.045	228	1429480	37.959	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	483359	40.873	ng	100
83) Chrysene	14.086	228	1386764	39.324	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	951236	38.903	ng	99
85) Di-n-octyl phthalate	14.657	149	1465478	39.819	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1384381	40.578	ng	100
88) Benzo(b)fluoranthene	15.115	252	1331211	37.866	ng	99
89) Benzo(k)fluoranthene	15.145	252	1245097	38.596	ng	99
90) Benzo(a)pyrene	15.486	252	1131639	39.042	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1135038	40.438	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1147351	40.071	ng	99

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

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