Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
Data File : BF141285.D
Acq On : 28 Jan 2025 17:12
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 28 23:38:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 23:33:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	137952	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	526661	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	277942	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	466334	20.000	ng	0.00
76) Chrysene-d12	13.968	240	244309	20.000	ng	0.00
86) Perylene-d12	15.427	264	290998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1012276	113.494	ng	0.00
7) Phenol-d6	6.434	99	1283642	113.866	ng	0.00
23) Nitrobenzene-d5	7.369	82	1176315	117.937	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	336573	118.441	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1926388	107.467	ng	0.00
79) Terphenyl-d14	12.916	244	1773674	113.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	235171	59.209	ng	100
3) Pyridine	3.216	79	558433	60.859	ng	99
4) n-Nitrosodimethylamine	3.175	42	332958	60.626	ng	99
6) Aniline	6.469	93	510645	58.802	ng	98
8) 2-Chlorophenol	6.587	128	546484	57.078	ng	97
9) Benzaldehyde	6.351	77	317974	49.219	ng	99
10) Phenol	6.451	94	672483	56.290	ng	97
11) bis(2-Chloroethyl)ether	6.539	93	537213	57.788	ng	98
12) 1,3-Dichlorobenzene	6.739	146	592860	56.033	ng	99
13) 1,4-Dichlorobenzene	6.822	146	599351	56.439	ng	99
14) 1,2-Dichlorobenzene	6.975	146	553099	55.590	ng	99
15) Benzyl Alcohol	6.945	79	464705	58.665	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	924158	57.139	ng	99
17) 2-Methylphenol	7.057	107	447322	58.093	ng	99
18) Hexachloroethane	7.316	117	224968	57.659	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	379239	56.959	ng	99
20) 3+4-Methylphenols	7.210	107	527098	55.822	ng	98
22) Acetophenone	7.216	105	699319	55.911	ng	99
24) Nitrobenzene	7.386	77	619268	60.086	ng	100
25) Isophorone	7.628	82	1020331	59.281	ng	100
26) 2-Nitrophenol	7.698	139	298929	62.635	ng	97
27) 2,4-Dimethylphenol	7.739	122	351979	59.956	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	644407	58.966	ng	100
29) 2,4-Dichlorophenol	7.939	162	444230	58.902	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	490733	57.380	ng	99
31) Naphthalene	8.104	128	1570173	56.853	ng	100
32) Benzoic acid	7.869	122	401315	67.941	ng	99
33) 4-Chloroaniline	8.157	127	529454	60.917	ng	100
34) Hexachlorobutadiene	8.222	225	293543	57.971	ng	99
35) Caprolactam	8.533	113	149757	60.840	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	482805	59.314	ng	99
37) 2-Methylnaphthalene	8.798	142	1001092	56.753	ng	100
38) 1-Methylnaphthalene	8.892	142	977889	56.706	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	451516	57.105	ng	99
41) Hexachlorocyclopentadiene	8.945	237	157641	65.649	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	309722	59.548	ng	100

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44) 2,4,5-Trichlorophenol	9.116	196	330963	59.205	ng	98
46) 1,1'-Biphenyl	9.263	154	1211929	55.890	ng	100
47) 2-Chloronaphthalene	9.286	162	953351	56.952	ng	99
48) 2-Nitroaniline	9.380	65	324140	61.428	ng	98
49) Acenaphthylene	9.698	152	1347744	57.342	ng	100
50) Dimethylphthalate	9.569	163	1074008	57.988	ng	100
51) 2,6-Dinitrotoluene	9.627	165	254330	59.160	ng	99
52) Acenaphthene	9.875	154	974130	57.970	ng	100
53) 3-Nitroaniline	9.792	138	267546	61.115	ng	94
54) 2,4-Dinitrophenol	9.898	184	146960	76.788	ng	90
55) Dibenzofuran	10.045	168	1281028	57.021	ng	99
56) 4-Nitrophenol	9.951	139	209200	66.774	ng	97
57) 2,4-Dinitrotoluene	10.027	165	336226	61.347	ng	98
58) Fluorene	10.386	166	959466	55.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	268005	59.726	ng	100
60) Diethylphthalate	10.263	149	1032138	57.707	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	475647	56.282	ng	99
62) 4-Nitroaniline	10.410	138	261844	62.693	ng	99
63) Azobenzene	10.539	77	1052108	58.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	190259	68.098	ng	99
66) n-Nitrosodiphenylamine	10.498	169	857003	57.087	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	304854	58.561	ng	99
68) Hexachlorobenzene	10.933	284	336622	57.788	ng	98
69) Atrazine	11.022	200	105784	34.192	ng	99
70) Pentachlorophenol	11.127	266	213476	63.665	ng	99
71) Phenanthrene	11.351	178	1409978	56.114	ng	99
72) Anthracene	11.404	178	1360772	55.555	ng	100
73) Carbazole	11.557	167	1246030	56.907	ng	99
74) Di-n-butylphthalate	11.892	149	1463491	56.629	ng	100
75) Fluoranthene	12.539	202	1365663	55.442	ng	99
77) Benzidine	12.663	184	233285	79.774	ng	99
78) Pyrene	12.768	202	1361620	58.357	ng	99
80) Butylbenzylphthalate	13.392	149	487410	61.085	ng	98
81) Benzo(a)anthracene	13.957	228	961288	57.573	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	312227	60.603	ng	99
83) Chrysene	13.992	228	948856	60.533	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	584494	59.094	ng	99
85) Di-n-octyl phthalate	14.574	149	1015134	64.475	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1254602	60.891	ng	100
88) Benzo(b)fluoranthene	15.004	252	1103350	61.830	ng	100
89) Benzo(k)fluoranthene	15.033	252	906662	55.029	ng	99
90) Benzo(a)pyrene	15.368	252	920349	59.269	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1003331	61.057	ng	99
92) Benzo(g,h,i)perylene	17.321	276	1076363	61.229	ng	99

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

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