Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
Data File : BF132429.D
Acq On : 16 Feb 2023 12:22
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Feb 17 02:57:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 02:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	178348	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	629236	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	331521	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	648741	20.000	ng	0.00
76) Chrysene-d12	14.242	240	447341	20.000	ng	0.00
86) Perylene-d12	15.801	264	399846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	877258	78.817	ng	0.00
7) Phenol-d6	6.648	99	1136572	78.203	ng	0.00
23) Nitrobenzene-d5	7.595	82	1065400	81.355	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	272730	82.453	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1637721	76.323	ng	0.00
79) Terphenyl-d14	13.171	244	1912792	77.873	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.902	88	243649	40.466	ng	100
3) Pyridine	3.672	79	670039	40.996	ng	100
4) n-Nitrosodimethylamine	3.637	42	265346	41.119	ng	100
6) Aniline	6.695	93	810991	40.044	ng	100
8) 2-Chlorophenol	6.813	128	444368	39.107	ng	100
9) Benzaldehyde	6.584	77	263296	33.884	ng	100
10) Phenol	6.666	94	609815	39.594	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	510983	39.112	ng	100
12) 1,3-Dichlorobenzene	6.972	146	487337	39.371	ng	100
13) 1,4-Dichlorobenzene	7.048	146	486395	39.391	ng	100
14) 1,2-Dichlorobenzene	7.207	146	442025	39.073	ng	100
15) Benzyl Alcohol	7.166	79	447296	41.608	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.301	45	723626	39.836	ng	100
17) 2-Methylphenol	7.272	107	427508	39.522	ng	100
18) Hexachloroethane	7.548	117	190605	40.882	ng	100
19) n-Nitroso-di-n-propyla...	7.442	70	349655	39.244	ng	100
20) 3+4-Methylphenols	7.425	107	532315	39.858	ng	100
22) Acetophenone	7.442	105	637930	39.118	ng	100
24) Nitrobenzene	7.619	77	583212	40.620	ng	100
25) Isophorone	7.854	82	1026919	39.907	ng	100
26) 2-Nitrophenol	7.931	139	237418	42.537	ng	100
27) 2,4-Dimethylphenol	7.960	122	404878	40.177	ng	100
28) bis(2-Chloroethoxy)met...	8.060	93	595099	39.573	ng	100
29) 2,4-Dichlorophenol	8.172	162	389889	41.011	ng	100
30) 1,2,4-Trichlorobenzene	8.254	180	426005	40.291	ng	100
31) Naphthalene	8.342	128	1278624	39.156	ng	100
32) Benzoic acid	8.072	122	277557	39.688	ng	100
33) 4-Chloroaniline	8.384	127	532469	39.247	ng	100
34) Hexachlorobutadiene	8.454	225	271179	40.625	ng	100
35) Caprolactam	8.766	113	129194	41.859	ng	100
36) 4-Chloro-3-methylphenol	8.860	107	435024	40.895	ng	100
37) 2-Methylnaphthalene	9.031	142	863365	39.285	ng	100
38) 1-Methylnaphthalene	9.131	142	812464	39.350	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	436098	40.597	ng	100
41) Hexachlorocyclopentadiene	9.184	237	258389	43.794	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	299057	42.261	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	341153	41.391	ng	100
46) 1,1'-Biphenyl	9.501	154	1009002	39.324	ng	100
47) 2-Chloronaphthalene	9.525	162	803571	39.900	ng	100
48) 2-Nitroaniline	9.619	65	299602	42.399	ng	100
49) Acenaphthylene	9.948	152	1264311	39.512	ng	100
50) Dimethylphthalate	9.795	163	974256	39.906	ng	100
51) 2,6-Dinitrotoluene	9.860	165	219860	41.411	ng	100
52) Acenaphthene	10.119	154	812227	40.788	ng	100
53) 3-Nitroaniline	10.036	138	252090	41.355	ng	100
54) 2,4-Dinitrophenol	10.136	184	122828	39.996	ng	100
55) Dibenzofuran	10.289	168	1170313	39.610	ng	100
56) 4-Nitrophenol	10.183	139	191158	43.224	ng	100
57) 2,4-Dinitrotoluene	10.266	165	295108	42.224	ng	100
58) Fluorene	10.636	166	876412	39.235	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.401	232	258513	41.500	ng	100
60) Diethylphthalate	10.495	149	978020	40.752	ng	100
61) 4-Chlorophenyl-phenyle...	10.619	204	464732	39.729	ng	100
62) 4-Nitroaniline	10.654	138	236868	41.643	ng	100
63) Azobenzene	10.783	77	1075002	40.484	ng	100
65) 4,6-Dinitro-2-methylph...	10.678	198	170581	42.293	ng	100
66) n-Nitrosodiphenylamine	10.742	169	786302	39.490	ng	100
67) 4-Bromophenyl-phenylether	11.113	248	286646	40.315	ng	100
68) Hexachlorobenzene	11.183	284	298152	40.115	ng	100
69) Atrazine	11.266	200	247266	40.345	ng	100
70) Pentachlorophenol	11.377	266	205328	42.258	ng	100
71) Phenanthrene	11.607	178	1306934	39.115	ng	100
72) Anthracene	11.660	178	1359131	39.569	ng	100
73) Carbazole	11.807	167	1217631	39.381	ng	100
74) Di-n-butylphthalate	12.130	149	1495573	40.610	ng	100
75) Fluoranthene	12.801	202	1487061	39.908	ng	100
77) Benzidine	12.919	184	388092	40.742	ng	100
78) Pyrene	13.036	202	1525523	40.144	ng	100
80) Butylbenzylphthalate	13.642	149	613107	43.237	ng	100
81) Benzo(a)anthracene	14.230	228	1315967	40.166	ng	100
82) 3,3'-Dichlorobenzidine	14.183	252	363094	41.490	ng	100
83) Chrysene	14.266	228	1248309	39.877	ng	100
84) Bis(2-ethylhexyl)phtha...	14.195	149	775518	42.248	ng	100
85) Di-n-octyl phthalate	14.830	149	1149240	43.116	ng	100
87) Indeno(1,2,3-cd)pyrene	17.418	276	1066427	41.723	ng	100
88) Benzo(b)fluoranthene	15.330	252	1067716	40.606	ng	100
89) Benzo(k)fluoranthene	15.365	252	1062798	40.391	ng	100
90) Benzo(a)pyrene	15.736	252	989214	40.482	ng	100
91) Dibenzo(a,h)anthracene	17.442	278	884638	42.022	ng	100
92) Benzo(g,h,i)perylene	17.912	276	910319	42.106	ng	100

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

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