Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128493.D
Acq On : 27 May 2022 01:22
Operator : CG\JU
Sample : PB145002BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 27 04:25:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145002BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	257034	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1001919	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	560251	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	1010211	20.000	ng	0.00
76) Chrysene-d12	14.010	240	665822	20.000	ng	0.00
86) Perylene-d12	15.474	264	560988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1753975	113.031	ng	0.02
7) Phenol-d6	6.475	99	2162116	109.278	ng	0.00
23) Nitrobenzene-d5	7.410	82	1458166	83.958	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	604959	113.445	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2593758	75.215	ng	0.00
79) Terphenyl-d14	12.963	244	2799642	81.235	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	221985	32.082	ng	98
3) Pyridine	3.481	79	598262	33.396	ng	99
4) n-Nitrosodimethylamine	3.440	42	400217	42.634	ng	96
6) Aniline	6.504	93	864320	37.436	ng	99
8) 2-Chlorophenol	6.622	128	711651	44.229	ng	97
9) Benzaldehyde	6.392	77	401486	49.313	ng	99
10) Phenol	6.486	94	805698m	41.095	ng	
11) bis(2-Chloroethyl)ether	6.581	93	665698	41.478	ng	99
12) 1,3-Dichlorobenzene	6.781	146	747549	40.892	ng	98
13) 1,4-Dichlorobenzene	6.857	146	752024	40.670	ng	99
14) 1,2-Dichlorobenzene	7.010	146	723630	42.520	ng	99
15) Benzyl Alcohol	6.986	79	624640m	41.394	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1173925	41.329	ng	99
17) 2-Methylphenol	7.092	107	575165	41.999	ng	99
18) Hexachloroethane	7.351	117	279690	42.881	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	483943	39.893	ng	98
20) 3+4-Methylphenols	7.245	107	653544	39.503	ng	95
22) Acetophenone	7.257	105	908936	39.344	ng	99
24) Nitrobenzene	7.428	77	742266	43.230	ng	98
25) Isophorone	7.669	82	1410308	44.018	ng	99
26) 2-Nitrophenol	7.739	139	344415	47.993	ng	98
27) 2,4-Dimethylphenol	7.775	122	661236	46.356	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	822230	39.543	ng	98
29) 2,4-Dichlorophenol	7.975	162	597505	40.476	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	643328	40.233	ng	99
31) Naphthalene	8.145	128	1972410	40.222	ng	99
32) Benzoic acid	7.910	122	457158	45.338	ng	99
33) 4-Chloroaniline	8.192	127	557419	28.549	ng	100
34) Hexachlorobutadiene	8.263	225	404464	40.062	ng	99
35) Caprolactam	8.575	113	180251m	39.598	ng	
36) 4-Chloro-3-methylphenol	8.675	107	621039	40.952	ng	100
37) 2-Methylnaphthalene	8.839	142	1243734	40.182	ng	100
38) 1-Methylnaphthalene	8.933	142	1193716	39.652	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	571556	37.151	ng	98
41) Hexachlorocyclopentadiene	8.992	237	765841	88.556	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	430770	37.969	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	447347	38.269	ng		95
46) 1,1'-Biphenyl	9.304	154	1530421	38.903	ng		100
47) 2-Chloronaphthalene	9.327	162	1209099	39.153	ng		99
48) 2-Nitroaniline	9.422	65	409100	47.640	ng		97
49) Acenaphthylene	9.745	152	1959142	41.296	ng		99
50) Dimethylphthalate	9.610	163	1451327	39.936	ng		100
51) 2,6-Dinitrotoluene	9.669	165	318977	47.892	ng		91
52) Acenaphthene	9.916	154	1276864m	43.623	ng		
53) 3-Nitroaniline	9.839	138	277551	36.084	ng	#	89
54) 2,4-Dinitrophenol	9.945	184	294524	86.571	ng	#	83
55) Dibenzofuran	10.092	168	1660014	38.224	ng		97
56) 4-Nitrophenol	9.998	139	529295	84.802	ng		86
57) 2,4-Dinitrotoluene	10.074	165	410849	51.561	ng		97
58) Fluorene	10.433	166	1216404	38.907	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	378809	39.988	ng		99
60) Diethylphthalate	10.316	149	1418451	40.180	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	608873	38.384	ng		94
62) 4-Nitroaniline	10.463	138	341179	46.328	ng		96
63) Azobenzene	10.586	77	1405294	39.101	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	192671	42.042	ng		93
66) n-Nitrosodiphenylamine	10.545	169	1208400	39.954	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	416987	39.952	ng		96
68) Hexachlorobenzene	10.974	284	464744	40.321	ng		100
69) Atrazine	11.074	200	412671	43.963	ng		98
70) Pentachlorophenol	11.174	266	541359	77.075	ng		100
71) Phenanthrene	11.398	178	1882960	39.347	ng		100
72) Anthracene	11.445	178	1917929	40.123	ng		99
73) Carbazole	11.598	167	1769700	38.631	ng		100
74) Di-n-butylphthalate	11.933	149	2164131	40.137	ng		99
75) Fluoranthene	12.580	202	2053343	40.134	ng		99
77) Benzidine	12.704	184	1002147	65.254	ng		99
78) Pyrene	12.810	202	2049206	40.853	ng		100
80) Butylbenzylphthalate	13.439	149	899631	42.521	ng		93
81) Benzo(a)anthracene	14.004	228	1580750	39.943	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	496268	48.973	ng		98
83) Chrysene	14.039	228	1643920	40.562	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1076993	42.087	ng		100
85) Di-n-octyl phthalate	14.609	149	1949066	43.270	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1376943	41.615	ng		99
88) Benzo(b)fluoranthene	15.051	252	1559653	44.692	ng		99
89) Benzo(k)fluoranthene	15.080	252	1410132	43.613	ng		99
90) Benzo(a)pyrene	15.415	252	1382430	49.375	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	1212022	44.179	ng		99
92) Benzo(g,h,i)perylene	17.380	276	1198861	44.058	ng		99

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

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