Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
Data File : BF130161.D
Acq On : 07 Sep 2022 14:36
Operator : CG\JU
Sample : PB147513BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 08 02:48:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147513BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	217231	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	882519	20.000	ng		0.00
39) Acenaphthene-d10	9.733	164	478112	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	841051	20.000	ng		0.00
76) Chrysene-d12	13.839	240	490440	20.000	ng	#	0.00
86) Perylene-d12	15.233	264	394174	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1682274	131.469	ng		0.01
7) Phenol-d6	6.334	99	2052813	128.680	ng		0.00
23) Nitrobenzene-d5	7.269	82	1279536	93.177	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	655200	150.546	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2327029	80.695	ng		0.00
79) Terphenyl-d14	12.798	244	2623097	92.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	216320	36.174	ng		95
3) Pyridine	3.110	79	591851	36.909	ng		91
4) n-Nitrosodimethylamine	3.069	42	277681	44.033	ng		85
6) Aniline	6.363	93	872279	43.613	ng	#	50
8) 2-Chlorophenol	6.481	128	696826	49.615	ng		99
9) Benzaldehyde	6.245	77	271937	27.850	ng		97
10) Phenol	6.351	94	816545	45.283	ng	#	72
11) bis(2-Chloroethyl)ether	6.439	93	640217	46.729	ng		99
12) 1,3-Dichlorobenzene	6.639	146	714284	45.878	ng		96
13) 1,4-Dichlorobenzene	6.716	146	722170	46.048	ng		97
14) 1,2-Dichlorobenzene	6.863	146	681484	47.803	ng		99
15) Benzyl Alcohol	6.845	79	484331	45.043	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	823495	44.226	ng	#	54
17) 2-Methylphenol	6.957	107	533954	45.188	ng	#	87
18) Hexachloroethane	7.210	117	269766	47.635	ng		95
19) n-Nitroso-di-n-propyla...	7.122	70	428188	44.553	ng		92
20) 3+4-Methylphenols	7.110	107	618798	44.657	ng	#	73
22) Acetophenone	7.116	105	875017	44.380	ng	#	98
24) Nitrobenzene	7.286	77	679205	46.507	ng		97
25) Isophorone	7.528	82	1271319	45.741	ng		98
26) 2-Nitrophenol	7.598	139	360140	52.166	ng		95
27) 2,4-Dimethylphenol	7.639	122	597654	51.246	ng		97
28) bis(2-Chloroethoxy)met...	7.739	93	782447	46.865	ng		97
29) 2,4-Dichlorophenol	7.839	162	560645	44.942	ng		98
30) 1,2,4-Trichlorobenzene	7.922	180	569321	43.283	ng		99
31) Naphthalene	8.004	128	1917244	43.074	ng		100
32) Benzoic acid	7.775	122	473709	49.508	ng		99
33) 4-Chloroaniline	8.051	127	714520	39.734	ng		97
34) Hexachlorobutadiene	8.122	225	330882	43.923	ng		100
35) Caprolactam	8.433	113	180002m	46.563	ng		
36) 4-Chloro-3-methylphenol	8.539	107	605162	47.940	ng		94
37) 2-Methylnaphthalene	8.692	142	1235912	43.105	ng		100
38) 1-Methylnaphthalene	8.792	142	1185542	42.540	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	529764	42.492	ng		98
41) Hexachlorocyclopentadiene	8.845	237	663262	101.797	ng		97
43) 2,4,6-Trichlorophenol	8.969	196	401199	45.083	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	428679	44.443	ng		94
46) 1,1'-Biphenyl	9.157	154	1491071	42.927	ng		99
47) 2-Chloronaphthalene	9.180	162	1177370	42.304	ng		100
48) 2-Nitroaniline	9.280	65	368428	53.720	ng		86
49) Acenaphthylene	9.592	152	1787492	42.295	ng		100
50) Dimethylphthalate	9.469	163	1420563	43.622	ng		100
51) 2,6-Dinitrotoluene	9.522	165	329471	51.892	ng		96
52) Acenaphthene	9.769	154	1294399m	48.598	ng		
53) 3-Nitroaniline	9.692	138	319445	43.834	ng		96
54) 2,4-Dinitrophenol	9.798	184	353668	118.375	ng		89
55) Dibenzofuran	9.939	168	1625843	42.629	ng		99
56) 4-Nitrophenol	9.857	139	612985	109.102	ng		93
57) 2,4-Dinitrotoluene	9.927	165	424458	58.066	ng	#	85
58) Fluorene	10.280	166	1238537	42.679	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.051	232	340366	45.433	ng	#	79
60) Diethylphthalate	10.163	149	1419547	45.059	ng		99
61) 4-Chlorophenyl-phenyle...	10.274	204	557683	43.473	ng		98
62) 4-Nitroaniline	10.310	138	378217	53.364	ng		96
63) Azobenzene	10.433	77	1314320	42.372	ng		95
65) 4,6-Dinitro-2-methylph...	10.327	198	217023	53.948	ng		97
66) n-Nitrosodiphenylamine	10.398	169	1178010	41.899	ng		99
67) 4-Bromophenyl-phenylether	10.763	248	401342	42.901	ng		95
68) Hexachlorobenzene	10.821	284	442806	43.440	ng		92
69) Atrazine	10.927	200	373479	46.955	ng		100
70) Pentachlorophenol	11.016	266	532203	93.367	ng		96
71) Phenanthrene	11.239	178	1887743	41.388	ng		99
72) Anthracene	11.292	178	1936743	43.194	ng		99
73) Carbazole	11.445	167	1826473	44.174	ng		99
74) Di-n-butylphthalate	11.780	149	2184425	43.812	ng		100
75) Fluoranthene	12.421	202	1945557	43.015	ng		99
77) Benzidine	12.551	184	1175818	88.799	ng		100
78) Pyrene	12.645	202	1980070	45.012	ng		99
80) Butylbenzylphthalate	13.274	149	858374	49.058	ng		100
81) Benzo(a)anthracene	13.827	228	1411483	41.996	ng		99
82) 3,3'-Dichlorobenzidine	13.798	252	445406	42.495	ng		100
83) Chrysene	13.868	228	1397785	42.182	ng		100
84) Bis(2-ethylhexyl)phtha...	13.833	149	961557	44.212	ng		100
85) Di-n-octyl phthalate	14.445	149	1446746	42.112	ng		98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1290900	49.647	ng		97
88) Benzo(b)fluoranthene	14.845	252	1232035	46.870	ng		99
89) Benzo(k)fluoranthene	14.874	252	1107281	43.555	ng		99
90) Benzo(a)pyrene	15.180	252	1009932	48.352	ng		99
91) Dibenzo(a,h)anthracene	16.603	278	1132996	53.252	ng		97
92) Benzo(g,h,i)perylene	16.992	276	1148301	53.944	ng		95

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

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