Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128491.D
Acq On : 27 May 2022 00:24
Operator : CG\JU
Sample : PB145118BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 27 04:25:40 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 :
PB145118BS

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	6.840	152	244718	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	941113	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	524733	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	951070	20.000	ng		0.00
76) Chrysene-d12	14.010	240	623954	20.000	ng		0.00
86) Perylene-d12	15.474	264	530514	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1619473	109.616	ng		0.02
7) Phenol-d6	6.469	99	2009531	106.678	ng		0.00
23) Nitrobenzene-d5	7.410	82	1340071	82.143	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	554750	111.071	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2414422	74.754	ng		0.00
79) Terphenyl-d14	12.957	244	2618726	81.084	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	207088	31.435	ng		98
3) Pyridine	3.469	79	553721	32.466	ng		98
4) n-Nitrosodimethylamine	3.428	42	371501	41.566	ng		97
6) Aniline	6.504	93	800960	36.438	ng		98
8) 2-Chlorophenol	6.622	128	654626	42.732	ng		97
9) Benzaldehyde	6.393	77	363478	45.638	ng		99
10) Phenol	6.487	94	760355m	40.734	ng		
11) bis(2-Chloroethyl)ether	6.581	93	612991	40.116	ng		99
12) 1,3-Dichlorobenzene	6.781	146	693625	39.852	ng		99
13) 1,4-Dichlorobenzene	6.857	146	701620	39.854	ng		99
14) 1,2-Dichlorobenzene	7.010	146	669529	41.321	ng		99
15) Benzyl Alcohol	6.981	79	579134m	40.310	ng		
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1084690	40.109	ng		99
17) 2-Methylphenol	7.092	107	537663	41.237	ng		98
18) Hexachloroethane	7.351	117	256854	41.362	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	453000	39.221	ng		98
20) 3+4-Methylphenols	7.245	107	609004	38.663	ng		92
22) Acetophenone	7.251	105	830798	38.285	ng	#	92
24) Nitrobenzene	7.428	77	687054	42.600	ng		95
25) Isophorone	7.663	82	1289048	42.833	ng		98
26) 2-Nitrophenol	7.739	139	316099	46.893	ng		99
27) 2,4-Dimethylphenol	7.775	122	609015	45.454	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	755167	38.664	ng		98
29) 2,4-Dichlorophenol	7.975	162	548425	39.551	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	588865	39.206	ng		98
31) Naphthalene	8.145	128	1825389	39.629	ng		100
32) Benzoic acid	7.904	122	416783	44.005	ng		99
33) 4-Chloroaniline	8.192	127	520807	28.397	ng		99
34) Hexachlorobutadiene	8.263	225	367825	38.787	ng		99
35) Caprolactam	8.569	113	170882m	39.965	ng		
36) 4-Chloro-3-methylphenol	8.675	107	570276	40.034	ng		98
37) 2-Methylnaphthalene	8.834	142	1152559	39.642	ng		100
38) 1-Methylnaphthalene	8.934	142	1114585	39.416	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	530885	36.843	ng		99
41) Hexachlorocyclopentadiene	8.992	237	717124	88.535	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	402303	37.861	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	425277	38.843	ng	96
46) 1,1'-Biphenyl	9.304	154	1407945	38.212	ng	100
47) 2-Chloronaphthalene	9.328	162	1111087	38.414	ng	100
48) 2-Nitroaniline	9.422	65	372713	46.340	ng	99
49) Acenaphthylene	9.745	152	1818943	40.936	ng	100
50) Dimethylphthalate	9.610	163	1346188	39.550	ng	99
51) 2,6-Dinitrotoluene	9.669	165	294965	47.285	ng	96
52) Acenaphthene	9.916	154	1171165	42.720	ng	98
53) 3-Nitroaniline	9.833	138	251908	34.967	ng	96
54) 2,4-Dinitrophenol	9.939	184	261005	82.279	ng	98
55) Dibenzofuran	10.092	168	1548413	38.068	ng	98
56) 4-Nitrophenol	9.998	139	495103	84.693	ng	95
57) 2,4-Dinitrotoluene	10.069	165	387357	51.903	ng	95
58) Fluorene	10.433	166	1132583	38.678	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	352858	39.769	ng	99
60) Diethylphthalate	10.316	149	1319795	39.916	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	558058	37.562	ng	92
62) 4-Nitroaniline	10.457	138	310495	45.016	ng	99
63) Azobenzene	10.586	77	1298460	38.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	173194	40.391	ng	83
66) n-Nitrosodiphenylamine	10.545	169	1130884	39.716	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	384094	39.088	ng	98
68) Hexachlorobenzene	10.975	284	436812	40.255	ng	98
69) Atrazine	11.075	200	382201	43.249	ng	98
70) Pentachlorophenol	11.169	266	509421	77.038	ng	99
71) Phenanthrene	11.398	178	1776648	39.434	ng	100
72) Anthracene	11.445	178	1795322	39.894	ng	100
73) Carbazole	11.598	167	1665022	38.606	ng	100
74) Di-n-butylphthalate	11.933	149	2029468	39.980	ng	100
75) Fluoranthene	12.580	202	1921889	39.900	ng	100
77) Benzidine	12.704	184	938268	65.194	ng	100
78) Pyrene	12.810	202	1929385	41.046	ng	100
80) Butylbenzylphthalate	13.433	149	825556	41.638	ng	99
81) Benzo(a)anthracene	13.998	228	1461790	39.416	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	436871	46.004	ng	96
83) Chrysene	14.039	228	1501844	39.543	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1011004	42.160	ng	99
85) Di-n-octyl phthalate	14.610	149	1820870	43.137	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1270829	40.614	ng	99
88) Benzo(b)fluoranthene	15.045	252	1478340	44.796	ng	99
89) Benzo(k)fluoranthene	15.080	252	1265530	41.389	ng	98
90) Benzo(a)pyrene	15.410	252	1272193	48.048	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	1115709	43.005	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1108278	43.068	ng	99

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

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