Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
Data File : BF130712.D
Acq On : 19 Oct 2022 15:52
Operator : CG\JU
Sample : PB148429BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 17:01:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148429BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

10/20/2022
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10/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.569	152	83663	20.000	ng		0.00
21) Naphthalene-d8	7.851	136	331700	20.000	ng		0.00
39) Acenaphthene-d10	9.604	164	185787	20.000	ng		0.00
64) Phenanthrene-d10	11.086	188	327378	20.000	ng		0.00
76) Chrysene-d12	13.715	240	206495	20.000	ng		0.00
86) Perylene-d12	15.086	264	155559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	653428	140.783	ng		0.02
7) Phenol-d6	6.234	99	802275	137.482	ng		0.00
23) Nitrobenzene-d5	7.145	82	506820	83.412	ng		0.00
42) 2,4,6-Tribromophenol	10.398	330	275366	151.474	ng		0.00
45) 2-Fluorobiphenyl	8.933	172	1024904	83.562	ng		0.00
79) Terphenyl-d14	12.668	244	1171342	94.148	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.210	88	115162	41.012	ng		99
3) Pyridine	2.881	79	227154	45.224	ng		99
4) n-Nitrosodimethylamine	2.840	42	119936	50.679	ng		99
6) Aniline	6.239	93	276704	39.606	ng		90
8) 2-Chlorophenol	6.363	128	260680	47.759	ng		95
9) Benzaldehyde	6.122	77	140847	38.417	ng		97
10) Phenol	6.245	94	308423	45.678	ng		88
11) bis(2-Chloroethyl)ether	6.316	93	226622	46.206	ng		97
12) 1,3-Dichlorobenzene	6.510	146	270401	45.245	ng		98
13) 1,4-Dichlorobenzene	6.586	146	273262	45.071	ng		98
14) 1,2-Dichlorobenzene	6.739	146	259778	46.007	ng		97
15) Benzyl Alcohol	6.734	79	203793	48.642	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.857	45	271616	43.045	ng	#	36
17) 2-Methylphenol	6.851	107	207734	47.845	ng		94
18) Hexachloroethane	7.075	117	101474	44.241	ng		98
19) n-Nitroso-di-n-propyla...	6.998	70	169769	45.092	ng		99
20) 3+4-Methylphenols	7.010	107	267701	46.012	ng	#	80
22) Acetophenone	6.992	105	361826	45.472	ng		95
24) Nitrobenzene	7.163	77	263206	43.074	ng		100
25) Isophorone	7.410	82	474092	46.881	ng		99
26) 2-Nitrophenol	7.481	139	142999	47.720	ng		97
27) 2,4-Dimethylphenol	7.528	122	219994	52.674	ng		98
28) bis(2-Chloroethoxy)met...	7.616	93	287128	49.035	ng		99
29) 2,4-Dichlorophenol	7.728	162	219584	46.992	ng		98
30) 1,2,4-Trichlorobenzene	7.798	180	222089	44.086	ng		98
31) Naphthalene	7.875	128	752656	43.835	ng		100
32) Benzoic acid	7.710	122	121305	45.910	ng		96
33) 4-Chloroaniline	7.939	127	259558	39.024	ng		97
34) Hexachlorobutadiene	7.986	225	138717	44.366	ng		98
35) Caprolactam	8.333	113	72773m	51.762	ng		
36) 4-Chloro-3-methylphenol	8.439	107	238105	46.976	ng		97
37) 2-Methylnaphthalene	8.569	142	489970	45.345	ng		99
38) 1-Methylnaphthalene	8.663	142	469049	44.716	ng		98
40) 1,2,4,5-Tetrachloroben...	8.733	216	230546	45.738	ng		99
41) Hexachlorocyclopentadiene	8.716	237	118117	63.637	ng		99
43) 2,4,6-Trichlorophenol	8.857	196	148770	43.957	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	158748	42.651	ng		98
46) 1,1'-Biphenyl	9.033	154	608463	45.191	ng		100
47) 2-Chloronaphthalene	9.057	162	479341	43.560	ng		99
48) 2-Nitroaniline	9.169	65	148102	44.709	ng		98
49) Acenaphthylene	9.469	152	726983	44.091	ng		99
50) Dimethylphthalate	9.345	163	578978	45.019	ng		98
51) 2,6-Dinitrotoluene	9.410	165	130926	46.410	ng		97
52) Acenaphthene	9.639	154	442051	44.251	ng		99
53) 3-Nitroaniline	9.580	138	112223	36.290	ng		98
54) 2,4-Dinitrophenol	9.698	184	124585	86.251	ng		93
55) Dibenzofuran	9.810	168	679041	44.621	ng		99
56) 4-Nitrophenol	9.775	139	126577	74.236	ng		95
57) 2,4-Dinitrotoluene	9.816	165	174929	48.247	ng	#	86
58) Fluorene	10.151	166	555227	44.378	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	124691	42.021	ng		97
60) Diethylphthalate	10.039	149	559255	43.584	ng		99
61) 4-Chlorophenyl-phenyle...	10.145	204	255713	45.208	ng		98
62) 4-Nitroaniline	10.198	138	132643	44.926	ng		97
63) Azobenzene	10.304	77	510295	42.223	ng		99
65) 4,6-Dinitro-2-methylph...	10.227	198	92054	44.995	ng		93
66) n-Nitrosodiphenylamine	10.269	169	486624	44.686	ng		99
67) 4-Bromophenyl-phenylether	10.633	248	170476	46.022	ng		94
68) Hexachlorobenzene	10.692	284	196825	47.004	ng		99
69) Atrazine	10.804	200	162800	54.900	ng		99
70) Pentachlorophenol	10.904	266	130522	80.088	ng		97
71) Phenanthrene	11.110	178	798779	44.039	ng		99
72) Anthracene	11.163	178	809402	45.692	ng		100
73) Carbazole	11.327	167	746860	47.250	ng		100
74) Di-n-butylphthalate	11.651	149	862719	45.057	ng		100
75) Fluoranthene	12.292	202	827841	47.489	ng		98
77) Benzidine	12.427	184	310258	59.443	ng		98
78) Pyrene	12.521	202	820870	46.079	ng		100
80) Butylbenzylphthalate	13.145	149	320561	46.796	ng		99
81) Benzo(a)anthracene	13.710	228	612835	44.045	ng		100
82) 3,3'-Dichlorobenzidine	13.674	252	169596	42.181	ng		98
83) Chrysene	13.745	228	566562	42.947	ng		100
84) Bis(2-ethylhexyl)phtha...	13.704	149	382437	46.051	ng		99
85) Di-n-octyl phthalate	14.310	149	516052	40.575	ng		98
87) Indeno(1,2,3-cd)pyrene	16.386	276	559713	48.073	ng		99
88) Benzo(b)fluoranthene	14.715	252	519043	52.693	ng		99
89) Benzo(k)fluoranthene	14.739	252	459671	45.830	ng		98
90) Benzo(a)pyrene	15.039	252	421179	51.374	ng		98
91) Dibenzo(a,h)anthracene	16.392	278	486217	50.946	ng		99
92) Benzo(g,h,i)perylene	16.774	276	497806	56.003	ng		98

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

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