Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135772.D
Acq On : 16 Oct 2023 12:39
Operator : CG\JU
Sample : PB156084BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 17 01:29:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156084BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	140991	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	574089	20.000	ng		0.00
39) Acenaphthene-d10	9.787	164	299031	20.000	ng		0.00
64) Phenanthrene-d10	11.281	188	579506	20.000	ng		0.00
76) Chrysene-d12	13.951	240	343192	20.000	ng		0.00
86) Perylene-d12	15.421	264	295105	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1120861	127.814	ng		0.02
7) Phenol-d6	6.404	99	1372773	125.460	ng		0.00
23) Nitrobenzene-d5	7.316	82	924366	88.557	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	404376	140.925	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1600583	83.688	ng		0.00
79) Terphenyl-d14	12.880	244	1791863	96.691	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	138999	32.861	ng		100
3) Pyridine	3.346	79	330623	31.857	ng		99
4) n-Nitrosodimethylamine	3.287	42	254434	45.587	ng		97
6) Aniline	6.410	93	443459	32.205	ng	#	82
8) 2-Chlorophenol	6.534	128	445169	47.074	ng		98
9) Benzaldehyde	6.298	77	83695	13.439	ng		99
10) Phenol	6.416	94	515639	44.975	ng		86
11) bis(2-Chloroethyl)ether	6.487	93	417929	45.240	ng		99
12) 1,3-Dichlorobenzene	6.681	146	421325	43.947	ng		99
13) 1,4-Dichlorobenzene	6.757	146	433849	44.671	ng		99
14) 1,2-Dichlorobenzene	6.910	146	395050	45.176	ng		99
15) Benzyl Alcohol	6.904	79	355861	48.913	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	749417	44.855	ng		85
17) 2-Methylphenol	7.016	107	351866	42.981	ng		96
18) Hexachloroethane	7.245	117	165618	47.032	ng		99
19) n-Nitroso-di-n-propyla...	7.169	70	294041	43.462	ng		99
20) 3+4-Methylphenols	7.169	107	433405	42.467	ng	#	83
22) Acetophenone	7.163	105	593920	45.109	ng		97
24) Nitrobenzene	7.340	77	469244	44.792	ng		95
25) Isophorone	7.569	82	916704	46.551	ng		99
26) 2-Nitrophenol	7.645	139	252469	49.383	ng		99
27) 2,4-Dimethylphenol	7.693	122	364135	43.266	ng		97
28) bis(2-Chloroethoxy)met...	7.781	93	556039	47.414	ng		99
29) 2,4-Dichlorophenol	7.898	162	384145	48.705	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	377986	46.857	ng		100
31) Naphthalene	8.045	128	1245322	44.473	ng		98
32) Benzoic acid	7.875	122	312668	54.883	ng		95
33) 4-Chloroaniline	8.104	127	301998	24.689	ng		98
34) Hexachlorobutadiene	8.151	225	222394	46.576	ng		99
35) Caprolactam	8.504	113	127837m	47.413	ng		
36) 4-Chloro-3-methylphenol	8.610	107	434956	49.728	ng		99
37) 2-Methylnaphthalene	8.739	142	792132	42.937	ng		99
38) 1-Methylnaphthalene	8.839	142	755327	44.389	ng		97
40) 1,2,4,5-Tetrachloroben...	8.910	216	384404	44.689	ng		99
41) Hexachlorocyclopentadiene	8.887	237	194677	94.239	ng		94
43) 2,4,6-Trichlorophenol	9.028	196	262138	47.291	ng		98

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44) 2,4,5-Trichlorophenol	9.081	196	278303	43.167	ng		95
46) 1,1'-Biphenyl	9.210	154	1017155	44.405	ng		98
47) 2-Chloronaphthalene	9.234	162	767951	46.519	ng		99
48) 2-Nitroaniline	9.345	65	306121	46.978	ng		98
49) Acenaphthylene	9.645	152	1253639	45.888	ng		99
50) Dimethylphthalate	9.516	163	946603	46.893	ng		99
51) 2,6-Dinitrotoluene	9.592	165	208904	48.123	ng	#	81
52) Acenaphthene	9.822	154	741778	45.300	ng		99
53) 3-Nitroaniline	9.763	138	189074	35.530	ng		100
54) 2,4-Dinitrophenol	9.886	184	229471	126.635	ng		95
55) Dibenzofuran	9.992	168	1088656	44.062	ng		98
56) 4-Nitrophenol	9.951	139	239343	96.917	ng		94
57) 2,4-Dinitrotoluene	10.004	165	262489	47.529	ng		91
58) Fluorene	10.339	166	873907	45.180	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	235849	48.407	ng		98
60) Diethylphthalate	10.222	149	942535	45.736	ng		100
61) 4-Chlorophenyl-phenyle...	10.328	204	420918	45.025	ng		97
62) 4-Nitroaniline	10.392	138	225424	46.041	ng		98
63) Azobenzene	10.492	77	928946	46.396	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	149197	51.157	ng		93
66) n-Nitrosodiphenylamine	10.457	169	817432	46.279	ng		100
67) 4-Bromophenyl-phenylether	10.822	248	269051	46.251	ng		98
68) Hexachlorobenzene	10.892	284	290900	49.117	ng		98
69) Atrazine	10.992	200	260383	54.197	ng		96
70) Pentachlorophenol	11.098	266	260716	111.613	ng		96
71) Phenanthrene	11.310	178	1252612	45.121	ng		100
72) Anthracene	11.363	178	1274577	44.307	ng		99
73) Carbazole	11.522	167	1180133	43.987	ng		99
74) Di-n-butylphthalate	11.845	149	1475091	44.781	ng		99
75) Fluoranthene	12.504	202	1374050	44.596	ng		100
77) Benzidine	12.633	184	433457	57.881	ng		98
78) Pyrene	12.733	202	1381265	50.648	ng		99
80) Butylbenzylphthalate	13.357	149	592628	49.451	ng		96
81) Benzo(a)anthracene	13.939	228	1096106	48.625	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	294795	39.431	ng		99
83) Chrysene	13.974	228	1009436	46.233	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	822238	50.622	ng		99
85) Di-n-octyl phthalate	14.533	149	1268869	49.265	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	772082	48.016	ng		99
88) Benzo(b)fluoranthene	14.992	252	881461	53.370	ng		99
89) Benzo(k)fluoranthene	15.021	252	728107	45.408	ng		99
90) Benzo(a)pyrene	15.363	252	703106	45.272	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	640300	48.575	ng		100
92) Benzo(g,h,i)perylene	17.386	276	654017	48.302	ng		99

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

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