Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135807.D
Acq On : 17 Oct 2023 12:29
Operator : CG\JU
Sample : PB156372BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 01:35:08 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 :
PB156372BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	123647	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	494613	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	260971	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	484766	20.000	ng		0.00
76) Chrysene-d12	13.945	240	312801	20.000	ng		0.00
86) Perylene-d12	15.415	264	258668	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	921822	119.862	ng		0.01
7) Phenol-d6	6.398	99	1082504	112.809	ng		0.00
23) Nitrobenzene-d5	7.316	82	714056	79.401	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	316453	126.368	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1272320	76.226	ng		0.00
79) Terphenyl-d14	12.874	244	1435381	84.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	123452	33.279	ng		99
3) Pyridine	3.328	79	277190	30.455	ng		96
4) n-Nitrosodimethylamine	3.287	42	211496	43.210	ng		94
6) Aniline	6.410	93	349512	28.943	ng	#	52
8) 2-Chlorophenol	6.534	128	360776	43.502	ng		98
9) Benzaldehyde	6.298	77	68685	12.576	ng		98
10) Phenol	6.410	94	414546	41.229	ng		97
11) bis(2-Chloroethyl)ether	6.481	93	338320	41.760	ng		96
12) 1,3-Dichlorobenzene	6.675	146	358198	42.603	ng		98
13) 1,4-Dichlorobenzene	6.757	146	361952	42.496	ng		99
14) 1,2-Dichlorobenzene	6.904	146	330768	43.130	ng		99
15) Benzyl Alcohol	6.898	79	285994	44.824	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	602982	41.153	ng		72
17) 2-Methylphenol	7.010	107	279117	38.877	ng		97
18) Hexachloroethane	7.239	117	135697	43.941	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	232025	39.106	ng		99
20) 3+4-Methylphenols	7.169	107	353687	39.517	ng		98
22) Acetophenone	7.157	105	478056	42.144	ng		98
24) Nitrobenzene	7.334	77	374929	41.540	ng		98
25) Isophorone	7.569	82	693898	40.899	ng		98
26) 2-Nitrophenol	7.645	139	193725	43.982	ng		99
27) 2,4-Dimethylphenol	7.686	122	298721	41.196	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	422885	41.854	ng		99
29) 2,4-Dichlorophenol	7.892	162	299117	44.019	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	303788	43.710	ng		98
31) Naphthalene	8.039	128	986226	40.880	ng		98
32) Benzoic acid	7.863	122	223752	45.587	ng		96
33) 4-Chloroaniline	8.104	127	229484	21.776	ng		96
34) Hexachlorobutadiene	8.151	225	178728	43.446	ng		97
35) Caprolactam	8.492	113	101911m	43.870	ng		
36) 4-Chloro-3-methylphenol	8.604	107	334572	44.398	ng		98
37) 2-Methylnaphthalene	8.733	142	630855	39.689	ng		99
38) 1-Methylnaphthalene	8.833	142	609144	41.550	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	311361	41.476	ng		100
41) Hexachlorocyclopentadiene	8.881	237	127730	81.178	ng		95
43) 2,4,6-Trichlorophenol	9.028	196	210237	43.459	ng		99

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44) 2,4,5-Trichlorophenol	9.081	196	223707	39.759	ng		96
46) 1,1'-Biphenyl	9.204	154	828840	41.461	ng		98
47) 2-Chloronaphthalene	9.228	162	622221	43.188	ng		99
48) 2-Nitroaniline	9.339	65	245489	43.168	ng		97
49) Acenaphthylene	9.645	152	993317	41.662	ng		100
50) Dimethylphthalate	9.510	163	747245	42.416	ng		99
51) 2,6-Dinitrotoluene	9.586	165	165204	43.607	ng	#	82
52) Acenaphthene	9.816	154	588722	41.196	ng		98
53) 3-Nitroaniline	9.757	138	145866	31.408	ng		100
54) 2,4-Dinitrophenol	9.880	184	166240	105.120	ng		98
55) Dibenzofuran	9.986	168	900490	41.761	ng		99
56) 4-Nitrophenol	9.945	139	187525	87.570	ng		97
57) 2,4-Dinitrotoluene	9.998	165	213972	44.395	ng		94
58) Fluorene	10.333	166	717135	42.482	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	191714	45.087	ng		98
60) Diethylphthalate	10.216	149	752933	41.864	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	340673	41.756	ng		96
62) 4-Nitroaniline	10.380	138	172086	40.273	ng		98
63) Azobenzene	10.486	77	734421	42.030	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	114750	47.036	ng		89
66) n-Nitrosodiphenylamine	10.451	169	645311	43.674	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	208923	42.933	ng		98
68) Hexachlorobenzene	10.886	284	222215	44.853	ng		96
69) Atrazine	10.986	200	196005	48.770	ng		96
70) Pentachlorophenol	11.092	266	154840	79.242	ng		98
71) Phenanthrene	11.304	178	980567	42.225	ng		100
72) Anthracene	11.357	178	993202	41.273	ng		100
73) Carbazole	11.516	167	949344	42.300	ng		99
74) Di-n-butylphthalate	11.839	149	1177686	42.740	ng		100
75) Fluoranthene	12.498	202	1096051	42.525	ng		98
77) Benzidine	12.627	184	246493	36.113	ng		98
78) Pyrene	12.727	202	1106801	44.527	ng		99
80) Butylbenzylphthalate	13.351	149	502697	46.022	ng		95
81) Benzo(a)anthracene	13.933	228	903198	43.960	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	247439	36.313	ng		98
83) Chrysene	13.968	228	822049	41.308	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	667134	45.064	ng	#	98
85) Di-n-octyl phthalate	14.527	149	1014073	43.197	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	686580	48.714	ng		98
88) Benzo(b)fluoranthene	14.986	252	716050	49.462	ng		98
89) Benzo(k)fluoranthene	15.015	252	706217	50.247	ng		99
90) Benzo(a)pyrene	15.357	252	575469	42.273	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	571005	49.420	ng		99
92) Benzo(g,h,i)perylene	17.374	276	573315	48.306	ng		98

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

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