Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135040.D
Acq On : 31 Aug 2023 14:20
Operator : CG\JU
Sample : PB155118BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 31 16:10:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155118BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	125004	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	516498	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	264366	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	503662	20.000	ng		0.00
76) Chrysene-d12	13.969	240	301594	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	242140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1011121	124.940	ng		0.02
7) Phenol-d6	6.422	99	1242834	123.208	ng		0.00
23) Nitrobenzene-d5	7.340	82	797918	86.791	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	356043	126.960	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	1397482	86.064	ng		0.00
79) Terphenyl-d14	12.910	244	1564390	84.648	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	123472	36.018	ng		97
3) Pyridine	3.334	79	324127	35.072	ng		99
4) n-Nitrosodimethylamine	3.293	42	210333	46.538	ng		95
6) Aniline	6.440	93	479393	38.336	ng	#	86
8) 2-Chlorophenol	6.563	128	404341	49.179	ng		98
9) Benzaldehyde	6.328	77	245258	47.717	ng		99
10) Phenol	6.434	94	479857	45.313	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	380028	47.656	ng		100
12) 1,3-Dichlorobenzene	6.716	146	407108	48.061	ng		99
13) 1,4-Dichlorobenzene	6.793	146	411948	48.590	ng		99
14) 1,2-Dichlorobenzene	6.940	146	391537	49.490	ng		98
15) Benzyl Alcohol	6.922	79	342157	49.509	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.052	45	621343	46.528	ng		100
17) 2-Methylphenol	7.034	107	315721	44.068	ng		98
18) Hexachloroethane	7.281	117	153276	48.806	ng		96
19) n-Nitroso-di-n-propyla...	7.193	70	263263	43.937	ng		93
20) 3+4-Methylphenols	7.187	107	374647	44.325	ng		99
22) Acetophenone	7.187	105	520179	45.279	ng	#	98
24) Nitrobenzene	7.357	77	416747	44.191	ng		96
25) Isophorone	7.599	82	760823	43.648	ng		100
26) 2-Nitrophenol	7.675	139	217162	46.608	ng		99
27) 2,4-Dimethylphenol	7.716	122	347627	46.342	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	459383	43.689	ng		99
29) 2,4-Dichlorophenol	7.916	162	325549	45.663	ng		99
30) 1,2,4-Trichlorobenzene	7.999	180	355451	46.136	ng		98
31) Naphthalene	8.075	128	1129482	44.766	ng		99
32) Benzoic acid	7.852	122	286437	47.734	ng		97
33) 4-Chloroaniline	8.128	127	388426	35.197	ng		97
34) Hexachlorobutadiene	8.193	225	202322	46.273	ng		99
35) Caprolactam	8.504	113	113350m	48.557	ng		
36) 4-Chloro-3-methylphenol	8.616	107	359077	46.371	ng		94
37) 2-Methylnaphthalene	8.769	142	730976	43.421	ng		99
38) 1-Methylnaphthalene	8.869	142	688554	43.713	ng		99
40) 1,2,4,5-Tetrachloroben...	8.934	216	333119	45.012	ng		99
41) Hexachlorocyclopentadiene	8.922	237	345092	109.558	ng		98
43) 2,4,6-Trichlorophenol	9.051	196	232186	46.716	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.093	196	249405	43.344	ng		95
46) 1,1'-Biphenyl	9.234	154	907488	44.929	ng		99
47) 2-Chloronaphthalene	9.263	162	697287	45.908	ng		99
48) 2-Nitroaniline	9.363	65	240742	46.301	ng		96
49) Acenaphthylene	9.675	152	1042246	45.393	ng		99
50) Dimethylphthalate	9.546	163	826339	44.640	ng		100
51) 2,6-Dinitrotoluene	9.610	165	189742	46.714	ng		85
52) Acenaphthene	9.851	154	662374	45.269	ng		99
53) 3-Nitroaniline	9.775	138	187686	39.667	ng		98
54) 2,4-Dinitrophenol	9.893	184	223924	115.349	ng	#	85
55) Dibenzofuran	10.022	168	933120	44.209	ng		99
56) 4-Nitrophenol	9.951	139	331070	99.541	ng		94
57) 2,4-Dinitrotoluene	10.016	165	237116	46.843	ng		96
58) Fluorene	10.369	166	723216	44.944	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.146	232	212047	47.857	ng		97
60) Diethylphthalate	10.246	149	784666	45.030	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	349868	43.956	ng		92
62) 4-Nitroaniline	10.398	138	211419	45.666	ng		98
63) Azobenzene	10.522	77	776945	44.281	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	150734	49.449	ng		89
66) n-Nitrosodiphenylamine	10.487	169	674521	43.071	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	227212	42.532	ng		98
68) Hexachlorobenzene	10.916	284	253892	45.963	ng		99
70) Pentachlorophenol	11.116	266	274578	82.163	ng		99
71) Phenanthrene	11.334	178	1160584	44.665	ng		99
72) Anthracene	11.387	178	1176479	44.315	ng		99
73) Carbazole	11.545	167	1042606	45.532	ng		100
74) Di-n-butylphthalate	11.881	149	1197680	43.390	ng		100
75) Fluoranthene	12.528	202	1190359	45.310	ng		100
77) Benzidine	12.657	184	620162	114.070	ng		98
78) Pyrene	12.757	202	1209930	42.253	ng		100
80) Butylbenzylphthalate	13.386	149	483364	46.726	ng		99
81) Benzo(a)anthracene	13.957	228	892388	43.377	ng		99
82) 3,3'-Dichlorobenzidine	13.922	252	304734	49.088	ng		99
83) Chrysene	13.992	228	885545	43.799	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	540720	50.508	ng		98
85) Di-n-octyl phthalate	14.569	149	852282	52.157	ng		99
87) Indeno(1,2,3-cd)pyrene	16.922	276	733936	44.999	ng		99
88) Benzo(b)fluoranthene	15.004	252	759782	50.429	ng		100
89) Benzo(k)fluoranthene	15.039	252	683642	46.968	ng		98
90) Benzo(a)pyrene	15.375	252	614971	43.939	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	602131	45.583	ng		99
92) Benzo(g,h,i)perylene	17.374	276	618482	45.017	ng		99

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

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