Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130624.D
Acq On : 12 Oct 2022 11:55
Operator : CG\JU
Sample : PB148276BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 05:42:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148276BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	87127	20.000	ng		0.00
21) Naphthalene-d8	7.875	136	347911	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	192579	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	330074	20.000	ng		0.00
76) Chrysene-d12	13.727	240	192413	20.000	ng		0.00
86) Perylene-d12	15.104	264	164335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	686552	142.039	ng		0.01
7) Phenol-d6	6.246	99	841884	138.533	ng		0.00
23) Nitrobenzene-d5	7.163	82	537267	84.302	ng		0.00
42) 2,4,6-Tribromophenol	10.416	330	293170	155.579	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	1110588	87.354	ng		0.00
79) Terphenyl-d14	12.686	244	1173541	101.228	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.228	88	76264	26.080	ng		99
3) Pyridine	2.893	79	185972	35.553	ng		97
4) n-Nitrosodimethylamine	2.852	42	116127	47.119	ng		93
6) Aniline	6.257	93	306763	42.163	ng	#	62
8) 2-Chlorophenol	6.375	128	271521	47.767	ng		98
9) Benzaldehyde	6.140	77	153755	40.270	ng		98
10) Phenol	6.257	94	324886	46.204	ng		100
11) bis(2-Chloroethyl)ether	6.334	93	242132	47.405	ng		100
12) 1,3-Dichlorobenzene	6.528	146	286156	45.978	ng		100
13) 1,4-Dichlorobenzene	6.604	146	297556	47.127	ng		99
14) 1,2-Dichlorobenzene	6.757	146	280071	47.629	ng		98
15) Benzyl Alcohol	6.745	79	202124	46.326	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	302551	46.042	ng		94
17) 2-Methylphenol	6.863	107	214620	47.465	ng		96
18) Hexachloroethane	7.098	117	110011	46.056	ng		96
19) n-Nitroso-di-n-propyla...	7.016	70	181719	46.347	ng		99
20) 3+4-Methylphenols	7.016	107	272505	44.976	ng		92
22) Acetophenone	7.010	105	383405	45.939	ng		99
24) Nitrobenzene	7.181	77	273664	42.699	ng		98
25) Isophorone	7.422	82	504130	47.528	ng		99
26) 2-Nitrophenol	7.498	139	145199	46.197	ng		97
27) 2,4-Dimethylphenol	7.545	122	226126	51.619	ng		99
28) bis(2-Chloroethoxy)met...	7.634	93	305509	49.743	ng		99
29) 2,4-Dichlorophenol	7.740	162	225054	45.918	ng		98
30) 1,2,4-Trichlorobenzene	7.816	180	235830	44.632	ng		99
31) Naphthalene	7.892	128	784351	43.552	ng		100
32) Benzoic acid	7.704	122	116755	42.129	ng		98
33) 4-Chloroaniline	7.951	127	249947	35.828	ng		99
34) Hexachlorobutadiene	8.010	225	150008	45.741	ng		98
35) Caprolactam	8.334	113	73792m	50.041	ng		
36) 4-Chloro-3-methylphenol	8.451	107	248761	46.791	ng		99
37) 2-Methylnaphthalene	8.587	142	522738	46.124	ng		100
38) 1-Methylnaphthalene	8.681	142	496322	45.111	ng		99
40) 1,2,4,5-Tetrachloroben...	8.751	216	246086	47.099	ng		98
41) Hexachlorocyclopentadiene	8.734	237	228882	110.305	ng		98
43) 2,4,6-Trichlorophenol	8.869	196	153521	43.760	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	176605	45.776	ng		96
46)	1,1'-Biphenyl	9.051	154	651476	46.679	ng		99
47)	2-Chloronaphthalene	9.075	162	509778	44.692	ng		100
48)	2-Nitroaniline	9.181	65	153653	44.749	ng		96
49)	Acenaphthylene	9.486	152	756358	44.255	ng		99
50)	Dimethylphthalate	9.363	163	603097	45.241	ng		98
51)	2,6-Dinitrotoluene	9.422	165	135780	46.433	ng		95
52)	Acenaphthene	9.657	154	460666	44.488	ng		98
53)	3-Nitroaniline	9.592	138	107152	33.428	ng		97
54)	2,4-Dinitrophenol	9.704	184	135330	90.147	ng	#	89
55)	Dibenzofuran	9.828	168	710887	45.066	ng		100
56)	4-Nitrophenol	9.775	139	167034	94.509	ng		98
57)	2,4-Dinitrotoluene	9.828	165	176328	46.918	ng		93
58)	Fluorene	10.169	166	579080	44.652	ng		100
59)	2,3,4,6-Tetrachlorophenol	9.951	232	140738	45.757	ng		99
60)	Diethylphthalate	10.057	149	594584	44.703	ng		99
61)	4-Chlorophenyl-phenyle...	10.163	204	272698	46.510	ng		98
62)	4-Nitroaniline	10.210	138	126970	41.488	ng		99
63)	Azobenzene	10.328	77	536918	42.859	ng		95
65)	4,6-Dinitro-2-methylph...	10.233	198	92820	44.999	ng		82
66)	n-Nitrosodiphenylamine	10.286	169	493392	44.937	ng		99
67)	4-Bromophenyl-phenylether	10.651	248	179099	47.955	ng		100
68)	Hexachlorobenzene	10.710	284	203790	48.270	ng		98
69)	Atrazine	10.822	200	164624	55.062	ng		99
70)	Pentachlorophenol	10.916	266	162385	98.826	ng		97
71)	Phenanthrene	11.128	178	812738	44.443	ng		99
72)	Anthracene	11.181	178	819811	45.902	ng		100
73)	Carbazole	11.339	167	729409	45.769	ng		100
74)	Di-n-butylphthalate	11.675	149	899283	46.583	ng		99
75)	Fluoranthene	12.310	202	811656	46.180	ng		100
77)	Benzidine	12.439	184	279767	57.524	ng		99
78)	Pyrene	12.533	202	790028	47.593	ng		99
80)	Butylbenzylphthalate	13.163	149	306825	48.069	ng		99
81)	Benzo(a)anthracene	13.722	228	592358	45.689	ng		100
82)	3,3'-Dichlorobenzidine	13.692	252	172321	45.995	ng	#	98
83)	Chrysene	13.757	228	556201	45.247	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.722	149	392374	50.706	ng		99
85)	Di-n-octyl phthalate	14.333	149	582016	49.110	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.392	276	618875	50.315	ng		99
88)	Benzo(b)fluoranthene	14.727	252	531992	51.123	ng		99
89)	Benzo(k)fluoranthene	14.751	252	488812	46.133	ng		100
90)	Benzo(a)pyrene	15.051	252	442582	51.102	ng		98
91)	Dibenzo(a,h)anthracene	16.410	278	537633	53.325	ng		99
92)	Benzo(g,h,i)perylene	16.786	276	540071	57.513	ng		97

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

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