Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
Data File : BF130612.D
Acq On : 11 Oct 2022 11:48
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 12 06:15:49 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 06:13:35 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	111203	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	470715	20.000	ng		0.00
39) Acenaphthene-d10	9.616	164	281418	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	467450	20.000	ng		0.00
76) Chrysene-d12	13.721	240	297617	20.000	ng		0.00
86) Perylene-d12	15.098	264	243940	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	125810	19.623	ng		0.00
7) Phenol-d6	6.228	99	159140	19.838	ng		-0.01
23) Nitrobenzene-d5	7.151	82	162838	17.673	ng		-0.01
42) 2,4,6-Tribromophenol	10.404	330	42711	15.839	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	367106	18.996	ng		0.00
79) Terphenyl-d14	12.674	244	370455	20.619	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.152	88	39136	13.291	ng		97
3) Pyridine	2.822	79	67039	8.728	ng		95
4) n-Nitrosodimethylamine	2.763	42	29458	7.051	ng		91
6) Aniline	6.251	93	96090	9.721	ng		93
8) 2-Chlorophenol	6.369	128	74446	10.193	ng		99
9) Benzaldehyde	6.140	77	54647	10.170	ng		98
10) Phenol	6.245	94	93358	9.931	ng		92
11) bis(2-Chloroethyl)ether	6.328	93	66630	9.826	ng		98
12) 1,3-Dichlorobenzene	6.522	146	80508	10.018	ng		96
13) 1,4-Dichlorobenzene	6.604	146	83532	10.193	ng		96
14) 1,2-Dichlorobenzene	6.757	146	80220	10.479	ng		98
15) Benzyl Alcohol	6.740	79	56410	8.869	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.875	45	88958	8.995	ng		97
17) 2-Methylphenol	6.857	107	60990	10.273	ng		94
18) Hexachloroethane	7.092	117	31322	9.696	ng		93
19) n-Nitroso-di-n-propyla...	7.004	70	52665	9.729	ng		99
20) 3+4-Methylphenols	7.010	107	81749	10.600	ng		97
22) Acetophenone	7.004	105	106449	9.250	ng	#	97
24) Nitrobenzene	7.175	77	83134	8.886	ng		99
25) Isophorone	7.410	82	137506	9.259	ng		96
26) 2-Nitrophenol	7.492	139	40447	10.546	ng		96
27) 2,4-Dimethylphenol	7.540	122	56605	9.586	ng		99
28) bis(2-Chloroethoxy)met...	7.628	93	82286	9.840	ng		99
29) 2,4-Dichlorophenol	7.739	162	65328	10.095	ng		98
30) 1,2,4-Trichlorobenzene	7.810	180	71138	10.168	ng		97
31) Naphthalene	7.892	128	244750	10.093	ng		100
32) Benzoic acid	7.645	122	26333	5.766	ng		92
33) 4-Chloroaniline	7.951	127	95799	10.387	ng		96
34) Hexachlorobutadiene	8.010	225	43091	9.637	ng		97
35) Caprolactam	8.298	113	21400	11.536	ng		96
36) 4-Chloro-3-methylphenol	8.434	107	79090	11.027	ng		92
37) 2-Methylnaphthalene	8.581	142	174892	11.311	ng		100
38) 1-Methylnaphthalene	8.681	142	173637	11.690	ng		99
40) 1,2,4,5-Tetrachloroben...	8.745	216	74813	9.741	ng		98
43) 2,4,6-Trichlorophenol	8.863	196	48327	9.016	ng		97
44) 2,4,5-Trichlorophenol	8.910	196	53833	9.307	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.045	154	201681	9.596	ng		99
47)	2-Chloronaphthalene	9.069	162	166088	9.769	ng		99
48)	2-Nitroaniline	9.169	65	49439	8.718	ng		89
49)	Acenaphthylene	9.481	152	250925	9.843	ng		98
50)	Dimethylphthalate	9.345	163	189839	9.766	ng		100
51)	2,6-Dinitrotoluene	9.410	165	42213	10.383	ng		96
52)	Acenaphthene	9.651	154	145794	8.705	ng		100
53)	3-Nitroaniline	9.581	138	44091	9.733	ng		93
54)	2,4-Dinitrophenol	9.698	184	11734	6.297	ng	#	88
55)	Dibenzofuran	9.822	168	225475	9.679	ng		99
56)	4-Nitrophenol	9.757	139	21495	6.515	ng		92
57)	2,4-Dinitrotoluene	9.816	165	51626	9.936	ng		91
58)	Fluorene	10.163	166	181298	9.516	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.945	232	42194	9.320	ng		99
60)	Diethylphthalate	10.045	149	182835	9.379	ng		99
61)	4-Chlorophenyl-phenyle...	10.157	204	80168	9.592	ng		95
62)	4-Nitroaniline	10.186	138	43133m	9.478	ng		
63)	Azobenzene	10.316	77	179454	8.940	ng		99
65)	4,6-Dinitro-2-methylph...	10.222	198	25469	9.788	ng		85
66)	n-Nitrosodiphenylamine	10.275	169	154061	9.863	ng		100
67)	4-Bromophenyl-phenylether	10.645	248	46867	9.089	ng		98
68)	Hexachlorobenzene	10.704	284	53009	9.068	ng		96
69)	Atrazine	10.810	200	39786	8.715	ng		97
70)	Pentachlorophenol	10.910	266	16076	5.124	ng		96
71)	Phenanthrene	11.116	178	262959	10.020	ng		99
72)	Anthracene	11.169	178	252863	9.984	ng		99
73)	Carbazole	11.333	167	236499	10.347	ng		100
74)	Di-n-butylphthalate	11.669	149	272265	9.878	ng		99
75)	Fluoranthene	12.304	202	265367	10.464	ng		98
77)	Benzidine	12.433	184	106571	12.335	ng		99
78)	Pyrene	12.527	202	263066	10.104	ng		99
80)	Butylbenzylphthalate	13.157	149	97040	10.061	ng		94
81)	Benzo(a)anthracene	13.716	228	192361	9.716	ng		99
82)	3,3'-Dichlorobenzidine	13.686	252	56855	10.549	ng		96
83)	Chrysene	13.751	228	183061	9.738	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.716	149	105387	9.539	ng		97
85)	Di-n-octyl phthalate	14.327	149	156080	9.237	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.380	276	135303	7.822	ng		100
88)	Benzo(b)fluoranthene	14.716	252	154035m	9.674	ng		
89)	Benzo(k)fluoranthene	14.745	252	164144	10.480	ng		99
90)	Benzo(a)pyrene	15.039	252	125361	9.938	ng		98
91)	Dibenzo(a,h)anthracene	16.392	278	110844	7.811	ng		99
92)	Benzo(g,h,i)perylene	16.762	276	110318	7.717	ng		98

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

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