Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128483.D
Acq On : 26 May 2022 19:56
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 27 00:58:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 00:56:22 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	230906	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	811698	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	443540	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	800467	20.000	ng		0.00
76) Chrysene-d12	14.016	240	460163	20.000	ng		0.00
86) Perylene-d12	15.474	264	416368	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1876477	129.324	ng		0.00
7) Phenol-d6	6.481	99	2366146	123.840	ng		0.01
23) Nitrobenzene-d5	7.422	82	2158549	119.150	ng		0.01
42) 2,4,6-Tribromophenol	10.681	330	596555	130.417	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	3416186	125.955	ng		0.00
79) Terphenyl-d14	12.963	244	3435575	144.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	450073	63.324	ng		99
3) Pyridine	3.375	79	1185424	64.401	ng		99
4) n-Nitrosodimethylamine	3.352	42	636885	72.732	ng		96
6) Aniline	6.504	93	1431497m	65.505	ng		
8) 2-Chlorophenol	6.634	128	948905	63.963	ng		97
9) Benzaldehyde	6.393	77	490941	43.759	ng		97
10) Phenol	6.493	94	1183852m	58.266	ng		
11) bis(2-Chloroethyl)ether	6.593	93	991618	65.393	ng		97
12) 1,3-Dichlorobenzene	6.787	146	1094797	65.717	ng		98
13) 1,4-Dichlorobenzene	6.863	146	1096730	64.876	ng		100
14) 1,2-Dichlorobenzene	7.022	146	950334	60.630	ng		99
15) Benzyl Alcohol	6.993	79	901392	63.727	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	1711000	76.515	ng		99
17) 2-Methylphenol	7.093	107	848006	68.067	ng		99
18) Hexachloroethane	7.357	117	403780	64.477	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	732192	64.075	ng		99
20) 3+4-Methylphenols	7.257	107	937198	62.481	ng	#	90
22) Acetophenone	7.263	105	1271827	64.362	ng	#	87
24) Nitrobenzene	7.440	77	1053752	62.145	ng		97
25) Isophorone	7.681	82	1947762	70.158	ng		100
26) 2-Nitrophenol	7.745	139	499280	67.945	ng		97
27) 2,4-Dimethylphenol	7.781	122	831444	77.713	ng		99
28) bis(2-Chloroethoxy)met...	7.887	93	1190850	67.868	ng		100
29) 2,4-Dichlorophenol	7.987	162	859287	74.094	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	902865	68.560	ng		99
31) Naphthalene	8.151	128	2673099	67.578	ng		99
32) Benzoic acid	7.940	122	756339	99.284	ng		98
33) 4-Chloroaniline	8.198	127	1118763	70.682	ng		99
34) Hexachlorobutadiene	8.269	225	565796	66.336	ng		99
35) Caprolactam	8.610	113	263961m	70.516	ng		
36) 4-Chloro-3-methylphenol	8.681	107	908036	72.254	ng		99
37) 2-Methylnaphthalene	8.839	142	1690260	65.170	ng		100
38) 1-Methylnaphthalene	8.939	142	1650467	66.157	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	821450	63.515	ng		99
41) Hexachlorocyclopentadiene	8.992	237	518036	142.029	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	656613	80.442	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	656371	75.595	ng		94
46) 1,1'-Biphenyl	9.310	154	2040750	63.674	ng		99
47) 2-Chloronaphthalene	9.334	162	1650025	69.407	ng		99
48) 2-Nitroaniline	9.428	65	595638	69.158	ng		98
49) Acenaphthylene	9.751	152	2502119	70.339	ng		99
50) Dimethylphthalate	9.622	163	2032757	71.946	ng		100
51) 2,6-Dinitrotoluene	9.675	165	435086	70.411	ng	#	86
52) Acenaphthene	9.922	154	1620393	72.539	ng		99
53) 3-Nitroaniline	9.851	138	496004	71.310	ng		92
54) 2,4-Dinitrophenol	9.945	184	216095	68.956	ng		96
55) Dibenzofuran	10.098	168	2243327	66.239	ng		96
56) 4-Nitrophenol	9.998	139	399848	99.947	ng		88
57) 2,4-Dinitrotoluene	10.081	165	529572	68.022	ng		94
58) Fluorene	10.439	166	1569547	59.133	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	530384	74.367	ng		99
60) Diethylphthalate	10.316	149	1932897	70.996	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	803040	61.390	ng		92
62) 4-Nitroaniline	10.475	138	474215	67.364	ng		97
63) Azobenzene	10.592	77	1977553	64.823	ng		100
65) 4,6-Dinitro-2-methylph...	10.486	198	310689	63.152	ng		96
66) n-Nitrosodiphenylamine	10.551	169	1635995	70.598	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	566140	67.581	ng		98
68) Hexachlorobenzene	10.981	284	635012	69.717	ng		98
69) Atrazine	11.081	200	496728	65.301	ng		98
70) Pentachlorophenol	11.169	266	407324	110.507	ng		98
71) Phenanthrene	11.398	178	2522635	64.576	ng		99
72) Anthracene	11.451	178	2517603	64.845	ng		98
73) Carbazole	11.604	167	2396380	61.893	ng		99
74) Di-n-butylphthalate	11.939	149	2839999	67.149	ng		99
75) Fluoranthene	12.586	202	2639906	62.401	ng		99
77) Benzidine	12.704	184	467860	48.884	ng		97
78) Pyrene	12.816	202	2623574	76.147	ng		99
80) Butylbenzylphthalate	13.439	149	1142646	82.698	ng		98
81) Benzo(a)anthracene	14.004	228	1868130	63.808	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	464100	69.464	ng		99
83) Chrysene	14.045	228	1993923	71.507	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1299019	71.097	ng		99
85) Di-n-octyl phthalate	14.616	149	2293482	78.115	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1979965	83.315	ng		99
88) Benzo(b)fluoranthene	15.051	252	1958920	75.632	ng		100
89) Benzo(k)fluoranthene	15.086	252	1600002	65.955	ng		99
90) Benzo(a)pyrene	15.416	252	1533239	73.742	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	1597707	83.788	ng		99
92) Benzo(g,h,i)perylene	17.392	276	1664958	83.694	ng		100

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

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