Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
Data File : BF132971.D
Acq On : 21 Apr 2023 16:19
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 22 03:14:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:12:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	216102	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	819057	20.000	ng		0.00
39) Acenaphthene-d10	9.792	164	408679	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	697854	20.000	ng		0.00
76) Chrysene-d12	13.910	240	411877	20.000	ng		0.00
86) Perylene-d12	15.327	264	370154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1530560	106.990	ng		0.00
7) Phenol-d6	6.393	99	1933923	108.915	ng		0.00
23) Nitrobenzene-d5	7.328	82	1749459	115.291	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	484177	117.803	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	2583267	105.751	ng		0.00
79) Terphenyl-d14	12.863	244	2766526	115.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	372691	56.167	ng		100
3) Pyridine	3.134	79	1046557	59.383	ng		98
4) n-Nitrosodimethylamine	3.099	42	521117	57.087	ng		99
6) Aniline	6.422	93	1300483	56.865	ng		99
8) 2-Chlorophenol	6.540	128	782973	53.906	ng		99
9) Benzaldehyde	6.298	77	414619	59.640	ng		97
10) Phenol	6.410	94	1065047	54.371	ng		89
11) bis(2-Chloroethyl)ether	6.498	93	811937	55.236	ng		100
12) 1,3-Dichlorobenzene	6.698	146	834398	54.032	ng		98
13) 1,4-Dichlorobenzene	6.775	146	829442	53.592	ng		98
14) 1,2-Dichlorobenzene	6.928	146	752180	52.716	ng		96
15) Benzyl Alcohol	6.904	79	661077	53.898	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.040	45	1410986	55.266	ng		99
17) 2-Methylphenol	7.010	107	738759	55.545	ng		99
18) Hexachloroethane	7.269	117	294619	54.754	ng		98
19) n-Nitroso-di-n-propyla...	7.187	70	604666	54.700	ng		98
20) 3+4-Methylphenols	7.175	107	783822	50.043	ng		95
22) Acetophenone	7.175	105	999675	52.689	ng	#	97
24) Nitrobenzene	7.345	77	877939	57.096	ng		97
25) Isophorone	7.587	82	1709464	59.334	ng		100
26) 2-Nitrophenol	7.657	139	457399	61.673	ng		98
27) 2,4-Dimethylphenol	7.698	122	726806	57.151	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	961969	56.440	ng		99
29) 2,4-Dichlorophenol	7.898	162	665614	57.494	ng		100
30) 1,2,4-Trichlorobenzene	7.981	180	679066	56.618	ng		99
31) Naphthalene	8.063	128	2235230	54.584	ng		99
32) Benzoic acid	7.845	122	550155m	69.804	ng		
33) 4-Chloroaniline	8.110	127	919186	55.555	ng		98
34) Hexachlorobutadiene	8.181	225	375233	56.447	ng		99
35) Caprolactam	8.510	113	237157m	60.979	ng		
36) 4-Chloro-3-methylphenol	8.598	107	731213	58.570	ng		97
37) 2-Methylnaphthalene	8.751	142	1512454	54.023	ng		97
38) 1-Methylnaphthalene	8.851	142	1411819	53.906	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	607376	55.275	ng		100
41) Hexachlorocyclopentadiene	8.910	237	397601	62.044	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	444521	58.496	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	512700	58.337	ng		99
46)	1,1'-Biphenyl	9.222	154	1703640	52.571	ng		99
47)	2-Chloronaphthalene	9.245	162	1315939	55.480	ng		100
48)	2-Nitroaniline	9.333	65	473052	60.345	ng		93
49)	Acenaphthylene	9.657	152	2060607	54.370	ng		100
50)	Dimethylphthalate	9.528	163	1588888	55.757	ng		99
51)	2,6-Dinitrotoluene	9.581	165	382716	59.671	ng		99
52)	Acenaphthene	9.828	154	1396740	55.025	ng		100
53)	3-Nitroaniline	9.751	138	454921	59.653	ng		98
54)	2,4-Dinitrophenol	9.851	184	221190	68.610	ng		99
55)	Dibenzofuran	9.998	168	1858499	53.674	ng		97
56)	4-Nitrophenol	9.904	139	349559	59.181	ng		88
57)	2,4-Dinitrotoluene	9.986	165	487044	59.545	ng		90
58)	Fluorene	10.345	166	1292928	50.967	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.116	232	391774	57.500	ng		98
60)	Diethylphthalate	10.222	149	1497549	55.637	ng		99
61)	4-Chlorophenyl-phenyle...	10.333	204	641689	51.907	ng		98
62)	4-Nitroaniline	10.369	138	414795	59.179	ng		99
63)	Azobenzene	10.498	77	1573666	55.190	ng		98
65)	4,6-Dinitro-2-methylph...	10.392	198	275149	65.049	ng		82
66)	n-Nitrosodiphenylamine	10.457	169	1249725	55.208	ng		100
67)	4-Bromophenyl-phenylether	10.822	248	438478	57.934	ng		96
68)	Hexachlorobenzene	10.886	284	450612	58.102	ng		95
69)	Atrazine	10.986	200	369819	56.698	ng		98
70)	Pentachlorophenol	11.080	266	336546	60.931	ng		97
71)	Phenanthrene	11.298	178	2034421	54.240	ng		99
72)	Anthracene	11.351	178	2092295	54.508	ng		99
73)	Carbazole	11.504	167	1923761	56.285	ng		99
74)	Di-n-butylphthalate	11.845	149	2190791	56.640	ng		100
75)	Fluoranthene	12.486	202	2056521	54.632	ng		98
77)	Benzidine	12.604	184	357709	51.358	ng		100
78)	Pyrene	12.716	202	2127666	60.261	ng		99
80)	Butylbenzylphthalate	13.339	149	838994	67.112	ng		96
81)	Benzo(a)anthracene	13.898	228	1613016	56.950	ng		99
82)	3,3'-Dichlorobenzidine	13.863	252	472364	60.371	ng	#	99
83)	Chrysene	13.939	228	1633315	57.681	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.904	149	948984	60.477	ng		99
85)	Di-n-octyl phthalate	14.515	149	1629213	63.676	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.721	276	1419139	67.401	ng		100
88)	Benzo(b)fluoranthene	14.927	252	1357994	57.667	ng		98
89)	Benzo(k)fluoranthene	14.957	252	1353969	58.002	ng		99
90)	Benzo(a)pyrene	15.274	252	1277488	59.600	ng		99
91)	Dibenzo(a,h)anthracene	16.739	278	1182914	67.360	ng		100
92)	Benzo(g,h,i)perylene	17.145	276	1196294	69.002	ng		98

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

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