Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132851.D
Acq On : 11 Apr 2023 15:09
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 12 03:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 02:57:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	210141	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	794338	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	390891	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	696656	20.000	ng		0.00
76) Chrysene-d12	13.921	240	415514	20.000	ng		0.00
86) Perylene-d12	15.345	264	352850	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1535070	113.485	ng		0.00
7) Phenol-d6	6.404	99	1973097	113.098	ng		0.00
23) Nitrobenzene-d5	7.345	82	1783210	116.165	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	448143	129.001	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	2750270	111.304	ng		0.00
79) Terphenyl-d14	12.880	244	2991240	124.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	518	56.872	ng	#	100
3) Pyridine	3.193	79	1112484	59.892	ng		97
4) n-Nitrosodimethylamine	3.157	42	531300	59.238	ng		100
6) Aniline	6.440	93	1343117	59.562	ng		100
8) 2-Chlorophenol	6.557	128	768404	56.477	ng		98
9) Benzaldehyde	6.322	77	527951	59.690	ng		98
10) Phenol	6.422	94	1120703	57.061	ng		93
11) bis(2-Chloroethyl)ether	6.516	93	817856	56.161	ng		99
12) 1,3-Dichlorobenzene	6.716	146	829213	55.235	ng		97
13) 1,4-Dichlorobenzene	6.792	146	832685	55.027	ng		99
14) 1,2-Dichlorobenzene	6.945	146	764254	53.780	ng		99
15) Benzyl Alcohol	6.916	79	682938	60.210	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1378319	56.688	ng		99
17) 2-Methylphenol	7.022	107	722523	58.241	ng		99
18) Hexachloroethane	7.287	117	291861	56.028	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	592917	59.695	ng		98
20) 3+4-Methylphenols	7.187	107	812711	54.816	ng		93
22) Acetophenone	7.187	105	1044186	55.469	ng	#	89
24) Nitrobenzene	7.363	77	915389	58.852	ng		99
25) Isophorone	7.604	82	1652828	60.388	ng		100
26) 2-Nitrophenol	7.675	139	367485	66.232	ng		95
27) 2,4-Dimethylphenol	7.716	122	667591	59.555	ng		100
28) bis(2-Chloroethoxy)met...	7.810	93	938633	57.792	ng		100
29) 2,4-Dichlorophenol	7.916	162	636219	59.789	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	670957	57.107	ng		100
31) Naphthalene	8.081	128	2245606	55.399	ng		100
32) Benzoic acid	7.851	122	342901m	60.837	ng		
33) 4-Chloroaniline	8.128	127	945991	58.748	ng		97
34) Hexachlorobutadiene	8.198	225	371512	58.086	ng		99
35) Caprolactam	8.516	113	197401	62.181	ng		99
36) 4-Chloro-3-methylphenol	8.610	107	688244	60.627	ng		98
37) 2-Methylnaphthalene	8.769	142	1499060	55.297	ng		99
38) 1-Methylnaphthalene	8.869	142	1400554	55.391	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	621336	56.940	ng		99
41) Hexachlorocyclopentadiene	8.928	237	361441	61.529	ng		99
43) 2,4,6-Trichlorophenol	9.045	196	408371	60.919	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.081	196	477633	60.331	ng		96
46)	1,1'-Biphenyl	9.233	154	1742216	55.300	ng		99
47)	2-Chloronaphthalene	9.257	162	1296591	56.220	ng		98
48)	2-Nitroaniline	9.351	65	427760	61.652	ng		95
49)	Acenaphthylene	9.675	152	2082934	55.870	ng		99
50)	Dimethylphthalate	9.539	163	1489478	59.009	ng		100
51)	2,6-Dinitrotoluene	9.598	165	361663	62.806	ng		89
52)	Acenaphthene	9.845	154	1350506	56.375	ng		100
53)	3-Nitroaniline	9.763	138	428135	64.268	ng		93
54)	2,4-Dinitrophenol	9.863	184	165817	68.128	ng		90
55)	Dibenzofuran	10.016	168	1889610	55.647	ng		98
56)	4-Nitrophenol	9.916	139	339088	64.578	ng		95
57)	2,4-Dinitrotoluene	9.998	165	460292	64.338	ng		96
58)	Fluorene	10.357	166	1361851	54.372	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.128	232	372180	61.729	ng		99
60)	Diethylphthalate	10.239	149	1372787	63.986	ng		99
61)	4-Chlorophenyl-phenyle...	10.351	204	653972	54.881	ng		98
62)	4-Nitroaniline	10.380	138	418428	65.763	ng		94
63)	Azobenzene	10.510	77	1594813	57.064	ng		99
65)	4,6-Dinitro-2-methylph...	10.404	198	217725	66.583	ng		99
66)	n-Nitrosodiphenylamine	10.469	169	1232698	57.988	ng		99
67)	4-Bromophenyl-phenylether	10.839	248	428359	57.928	ng		96
68)	Hexachlorobenzene	10.904	284	443489	57.930	ng		100
69)	Atrazine	10.998	200	343803	65.969	ng		98
70)	Pentachlorophenol	11.092	266	318049	63.076	ng		99
71)	Phenanthrene	11.316	178	2099106	54.937	ng		99
72)	Anthracene	11.369	178	2150374	55.050	ng		99
73)	Carbazole	11.522	167	1928013	56.420	ng		99
74)	Di-n-butylphthalate	11.857	149	1782173	62.265	ng		100
75)	Fluoranthene	12.498	202	2180533	57.001	ng		99
77)	Benzidine	12.622	184	262489	63.735	ng		97
78)	Pyrene	12.727	202	2261549	63.718	ng		100
80)	Butylbenzylphthalate	13.351	149	197646	62.993	ng		95
81)	Benzo(a)anthracene	13.910	228	1702649	59.576	ng		99
82)	3,3'-Dichlorobenzidine	13.880	252	351088	61.389	ng		96
83)	Chrysene	13.951	228	1651078	58.687	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.916	149	291197	62.733	ng	#	99
85)	Di-n-octyl phthalate	14.527	149	423833	61.886	ng	#	88
87)	Indeno(1,2,3-cd)pyrene	16.751	276	1458878	61.505	ng		99
88)	Benzo(b)fluoranthene	14.939	252	1350945	59.324	ng		100
89)	Benzo(k)fluoranthene	14.968	252	1269131	54.255	ng		99
90)	Benzo(a)pyrene	15.292	252	1243859	60.899	ng		99
91)	Dibenzo(a,h)anthracene	16.774	278	1192019	61.367	ng		99
92)	Benzo(g,h,i)perylene	17.180	276	1224871	61.212	ng		99

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

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