Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
Data File : BF127863.D
Acq On : 22 Apr 2022 21:01
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 23:36:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 23:32:42 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	193848	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	655708	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	368562	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	669977	20.000	ng	0.00
76) Chrysene-d12	14.127	240	427507	20.000	ng	0.00
86) Perylene-d12	15.633	264	368888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1245552	100.662	ng	0.00
7) Phenol-d6	6.575	99	1582755	102.431	ng	0.00
23) Nitrobenzene-d5	7.516	82	1520393	107.535	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	402082	89.556	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2186719	77.496	ng	0.00
79) Terphenyl-d14	13.068	244	2433503	89.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	320241	55.905	ng	99
3) Pyridine	3.569	79	821003	50.185	ng	99
4) n-Nitrosodimethylamine	3.551	42	406983	46.456	ng	97
6) Aniline	6.616	93	993695	55.304	ng	98
8) 2-Chlorophenol	6.734	128	632356	50.371	ng	98
9) Benzaldehyde	6.498	77	446351	50.546	ng	95
10) Phenol	6.587	94	802068m	51.754	ng	
11) bis(2-Chloroethyl)ether	6.687	93	658226	51.661	ng	99
12) 1,3-Dichlorobenzene	6.887	146	736348	49.341	ng	96
13) 1,4-Dichlorobenzene	6.963	146	730458	51.080	ng	97
14) 1,2-Dichlorobenzene	7.116	146	645337	47.431	ng	98
15) Benzyl Alcohol	7.087	79	572481	42.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	1009435	55.085	ng	100
17) 2-Methylphenol	7.192	107	533040	50.664	ng	100
18) Hexachloroethane	7.457	117	281403	47.835	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	470919	44.401	ng	98
20) 3+4-Methylphenols	7.351	107	627139	44.991	ng	99
22) Acetophenone	7.363	105	808640	51.343	ng	99
24) Nitrobenzene	7.534	77	732042	55.575	ng	100
25) Isophorone	7.775	82	1301966	54.730	ng	99
26) 2-Nitrophenol	7.845	139	333507	58.015	ng	94
27) 2,4-Dimethylphenol	7.875	122	526900	58.022	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	795160	56.006	ng	98
29) 2,4-Dichlorophenol	8.086	162	542700	50.965	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	595660	47.417	ng	99
31) Naphthalene	8.251	128	1725367	50.806	ng	99
32) Benzoic acid	8.016	122	451538	69.495	ng	98
33) 4-Chloroaniline	8.298	127	700968	52.004	ng	96
34) Hexachlorobutadiene	8.363	225	375569	40.403	ng	98
35) Caprolactam	8.692	113	190032m	56.821	ng	
36) 4-Chloro-3-methylphenol	8.781	107	594798	47.707	ng	98
37) 2-Methylnaphthalene	8.939	142	1133647	46.333	ng	99
38) 1-Methylnaphthalene	9.039	142	1092461	46.158	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	548613	41.117	ng	100
41) Hexachlorocyclopentadiene	9.086	237	336484	41.387	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	386781	43.317	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	421082	44.553	ng	99
46) 1,1'-Biphenyl	9.410	154	1371849	46.383	ng	99
47) 2-Chloronaphthalene	9.433	162	1059021	44.353	ng	97
48) 2-Nitroaniline	9.533	65	409891	49.492	ng	99
49) Acenaphthylene	9.851	152	1627234	47.608	ng	100
50) Dimethylphthalate	9.716	163	1353535	48.931	ng	99
51) 2,6-Dinitrotoluene	9.775	165	300044	54.509	ng	96
52) Acenaphthene	10.028	154	1124846	51.183	ng	99
53) 3-Nitroaniline	9.951	138	335103	59.025	ng	95
54) 2,4-Dinitrophenol	10.051	184	188305	60.964	ng	99
55) Dibenzofuran	10.198	168	1568122	51.081	ng	99
56) 4-Nitrophenol	10.104	139	267909	63.870	ng	95
57) 2,4-Dinitrotoluene	10.180	165	401311	58.225	ng	90
58) Fluorene	10.539	166	1141635	48.743	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	361557	49.528	ng	99
60) Diethylphthalate	10.410	149	1291323	51.058	ng	99
61) 4-Chlorophenyl-phenyle...	10.527	204	573365	44.111	ng	94
62) 4-Nitroaniline	10.569	138	337684	66.642	ng	98
63) Azobenzene	10.692	77	1421600	53.632	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	251712	58.796	ng	90
66) n-Nitrosodiphenylamine	10.651	169	1080886	49.391	ng	100
67) 4-Bromophenyl-phenylether	11.022	248	384062	42.298	ng	95
68) Hexachlorobenzene	11.086	284	406744	41.802	ng	96
69) Atrazine	11.174	200	316670	44.955	ng	98
70) Pentachlorophenol	11.274	266	269833	51.512	ng	97
71) Phenanthrene	11.504	178	1749685	48.858	ng	99
72) Anthracene	11.557	178	1768922	48.890	ng	99
73) Carbazole	11.716	167	1717427	52.147	ng	100
74) Di-n-butylphthalate	12.033	149	1957311	49.247	ng	99
75) Fluoranthene	12.698	202	1847694	46.047	ng	99
77) Benzidine	12.816	184	559885	50.756	ng	99
78) Pyrene	12.927	202	1892528	52.297	ng	99
80) Butylbenzylphthalate	13.539	149	799659	56.522	ng	97
81) Benzo(a)anthracene	14.115	228	1536158	52.603	ng	97
82) 3,3'-Dichlorobenzidine	14.080	252	488687	52.990	ng	100
83) Chrysene	14.157	228	1458248	53.554	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	997428	54.012	ng	100
85) Di-n-octyl phthalate	14.710	149	1564600	56.251	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	1410661	58.365	ng	99
88) Benzo(b)fluoranthene	15.192	252	1289380	53.276	ng	99
89) Benzo(k)fluoranthene	15.221	252	1217496	51.837	ng	98
90) Benzo(a)pyrene	15.574	252	1059490	54.269	ng	99
91) Dibenzo(a,h)anthracene	17.215	278	1118087	56.615	ng	99
92) Benzo(g,h,i)perylene	17.668	276	1214215	60.539	ng	99

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

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