Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128015.D
Acq On : 02 May 2022 09:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 14:35:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	123453	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	455442	20.000	ng		0.00
39) Acenaphthene-d10	9.975	164	264185	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	489841	20.000	ng		0.00
76) Chrysene-d12	14.121	240	322187	20.000	ng		0.00
86) Perylene-d12	15.633	264	251007	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	625140	80.655	ng		0.00
7) Phenol-d6	6.563	99	844570	83.977	ng		0.00
23) Nitrobenzene-d5	7.504	82	850681	87.832	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	245235	92.212	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	1359346	87.047	ng		0.00
79) Terphenyl-d14	13.057	244	1546959	87.797	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	146354	39.576	ng		97
3) Pyridine	3.540	79	396654	41.862	ng		98
4) n-Nitrosodimethylamine	3.516	42	194172	42.336	ng		97
6) Aniline	6.598	93	503070	42.101	ng		99
8) 2-Chlorophenol	6.722	128	330777	41.118	ng		97
9) Benzaldehyde	6.487	77	221287	35.567	ng		96
10) Phenol	6.575	94	429986m	42.390	ng		
11) bis(2-Chloroethyl)ether	6.669	93	346177	41.141	ng		97
12) 1,3-Dichlorobenzene	6.875	146	371887	40.161	ng		98
13) 1,4-Dichlorobenzene	6.951	146	378281	40.927	ng		98
14) 1,2-Dichlorobenzene	7.104	146	345195	40.343	ng		99
15) Benzyl Alcohol	7.075	79	316476	46.274	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.204	45	536615	41.727	ng		98
17) 2-Methylphenol	7.181	107	295193	42.530	ng		96
18) Hexachloroethane	7.440	117	143400	42.201	ng		94
19) n-Nitroso-di-n-propyla...	7.345	70	265126	43.065	ng		98
20) 3+4-Methylphenols	7.340	107	350847	41.844	ng	#	83
22) Acetophenone	7.345	105	465153	41.903	ng		95
24) Nitrobenzene	7.522	77	407826	43.698	ng		98
25) Isophorone	7.757	82	706274	43.327	ng		99
26) 2-Nitrophenol	7.834	139	180336	45.345	ng		96
27) 2,4-Dimethylphenol	7.863	122	277664	42.034	ng		97
28) bis(2-Chloroethoxy)met...	7.957	93	442024	42.311	ng		99
29) 2,4-Dichlorophenol	8.075	162	288963	41.756	ng		99
30) 1,2,4-Trichlorobenzene	8.157	180	328937	41.845	ng		99
31) Naphthalene	8.239	128	954478	41.147	ng		99
32) Benzoic acid	7.998	122	165250	34.902	ng		96
33) 4-Chloroaniline	8.287	127	392426	42.757	ng		97
34) Hexachlorobutadiene	8.345	225	218654	44.160	ng		98
35) Caprolactam	8.675	113	96827	43.346	ng		94
36) 4-Chloro-3-methylphenol	8.769	107	328880	44.499	ng		95
37) 2-Methylnaphthalene	8.928	142	646842	42.194	ng		99
38) 1-Methylnaphthalene	9.028	142	624468	41.908	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	324739	41.703	ng		99
41) Hexachlorocyclopentadiene	9.075	237	171908	40.747	ng		99
43) 2,4,6-Trichlorophenol	9.210	196	213226	41.616	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	235113	42.211	ng		99
46)	1,1'-Biphenyl	9.392	154	805821	41.178	ng		99
47)	2-Chloronaphthalene	9.422	162	600705	40.322	ng		96
48)	2-Nitroaniline	9.522	65	227990	45.242	ng		98
49)	Acenaphthylene	9.839	152	929302	40.780	ng		100
50)	Dimethylphthalate	9.692	163	748342	42.237	ng		100
51)	2,6-Dinitrotoluene	9.763	165	163692	42.672	ng		97
52)	Acenaphthene	10.010	154	639447m	41.738	ng		
53)	3-Nitroaniline	9.933	138	179050	42.033	ng		98
54)	2,4-Dinitrophenol	10.045	184	92146	45.611	ng		91
55)	Dibenzofuran	10.186	168	891956	40.353	ng		99
56)	4-Nitrophenol	10.092	139	126883	39.007	ng		91
57)	2,4-Dinitrotoluene	10.169	165	216522	42.612	ng	#	83
58)	Fluorene	10.528	166	693402	42.040	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.304	232	201926	43.111	ng		99
60)	Diethylphthalate	10.392	149	730791	42.063	ng		100
61)	4-Chlorophenyl-phenyle...	10.516	204	352535	43.012	ng		97
62)	4-Nitroaniline	10.551	138	176360	42.348	ng		93
63)	Azobenzene	10.680	77	809729	42.355	ng		97
65)	4,6-Dinitro-2-methylph...	10.580	198	137143	47.119	ng		91
66)	n-Nitrosodiphenylamine	10.639	169	613256	40.235	ng		98
67)	4-Bromophenyl-phenylether	11.010	248	225072	41.448	ng		96
68)	Hexachlorobenzene	11.075	284	239751	41.906	ng		99
69)	Atrazine	11.163	200	192918	40.933	ng		96
70)	Pentachlorophenol	11.275	266	127341	37.834	ng		99
71)	Phenanthrene	11.498	178	1016469	39.642	ng		99
72)	Anthracene	11.551	178	1026618	40.193	ng		100
73)	Carbazole	11.704	167	965300	39.213	ng		100
74)	Di-n-butylphthalate	12.022	149	1154214	41.697	ng		100
75)	Fluoranthene	12.686	202	1082139	40.100	ng		99
77)	Benzidine	12.804	184	311068	51.026	ng		99
78)	Pyrene	12.922	202	1091588	41.970	ng		99
80)	Butylbenzylphthalate	13.527	149	469055	46.012	ng		94
81)	Benzo(a)anthracene	14.110	228	894960	41.675	ng		99
82)	3,3'-Dichlorobenzidine	14.069	252	271327	39.793	ng		98
83)	Chrysene	14.151	228	836603	40.792	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.080	149	608651	45.023	ng		99
85)	Di-n-octyl phthalate	14.698	149	926791	44.238	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.186	276	669974	39.988	ng		97
88)	Benzo(b)fluoranthene	15.186	252	683245	43.338	ng		98
89)	Benzo(k)fluoranthene	15.215	252	651286	41.004	ng		98
90)	Benzo(a)pyrene	15.568	252	535276	40.932	ng		97
91)	Dibenzo(a,h)anthracene	17.204	278	547762	40.766	ng		97
92)	Benzo(g,h,i)perylene	17.662	276	565066	39.905	ng		97

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

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