Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128514.D
Acq On : 27 May 2022 17:20
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 23:18:47 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 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	276886	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1018202	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	557941	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	1005828	20.000	ng	0.00
76) Chrysene-d12	14.010	240	608542	20.000	ng	0.00
86) Perylene-d12	15.468	264	505744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1254833	75.067	ng	0.00
7) Phenol-d6	6.469	99	1602705	75.197	ng	0.00
23) Nitrobenzene-d5	7.410	82	1472570	83.431	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	430118	80.992	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2577216	75.045	ng	0.00
79) Terphenyl-d14	12.957	244	2573450	81.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	285589	38.315	ng	99
3) Pyridine	3.369	79	750012	38.866	ng	99
4) n-Nitrosodimethylamine	3.334	42	393838	38.946	ng	99
6) Aniline	6.504	93	1006391	40.464	ng	99
8) 2-Chlorophenol	6.628	128	665864	38.416	ng	99
9) Benzaldehyde	6.392	77	394941	42.898	ng	99
10) Phenol	6.481	94	807490m	38.233	ng	
11) bis(2-Chloroethyl)ether	6.581	93	663666	38.386	ng	98
12) 1,3-Dichlorobenzene	6.781	146	759949	38.590	ng	98
13) 1,4-Dichlorobenzene	6.857	146	762206	38.265	ng	98
14) 1,2-Dichlorobenzene	7.016	146	703153	38.354	ng	98
15) Benzyl Alcohol	6.981	79	620554	38.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1190911	38.921	ng	98
17) 2-Methylphenol	7.092	107	565545	38.336	ng	100
18) Hexachloroethane	7.357	117	285800	40.676	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	493150	37.737	ng	99
20) 3+4-Methylphenols	7.245	107	656328	36.827	ng	99
22) Acetophenone	7.257	105	885905	37.734	ng	99
24) Nitrobenzene	7.428	77	707096	40.523	ng	98
25) Isophorone	7.669	82	1284394	39.447	ng	100
26) 2-Nitrophenol	7.739	139	344390	47.222	ng	99
27) 2,4-Dimethylphenol	7.775	122	567905	39.177	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	828160	39.191	ng	99
29) 2,4-Dichlorophenol	7.975	162	595417	39.689	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	634261	39.032	ng	99
31) Naphthalene	8.145	128	1918088	38.489	ng	100
32) Benzoic acid	7.904	122	485403m	47.369	ng	
33) 4-Chloroaniline	8.192	127	761400	38.372	ng	99
34) Hexachlorobutadiene	8.263	225	411318	40.089	ng	99
35) Caprolactam	8.580	113	183235	39.610	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	611707	39.692	ng	96
37) 2-Methylnaphthalene	8.839	142	1209358	38.446	ng	100
38) 1-Methylnaphthalene	8.933	142	1181910	38.632	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	606137	39.562	ng	99
41) Hexachlorocyclopentadiene	8.992	237	373940	43.419	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	451746	39.983	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	465446	39.982	ng	97
46) 1,1'-Biphenyl	9.304	154	1505439	38.426	ng	100
47) 2-Chloronaphthalene	9.328	162	1187503	38.613	ng	100
48) 2-Nitroaniline	9.422	65	398290	46.573	ng	98
49) Acenaphthylene	9.745	152	1809117	38.292	ng	100
50) Dimethylphthalate	9.610	163	1418363	39.190	ng	100
51) 2,6-Dinitrotoluene	9.669	165	303482	45.754	ng	96
52) Acenaphthene	9.916	154	1163224	39.905	ng	99
53) 3-Nitroaniline	9.839	138	333167	43.494	ng	93
54) 2,4-Dinitrophenol	9.933	184	154096	48.718	ng	99
55) Dibenzofuran	10.086	168	1657594	38.326	ng	97
56) 4-Nitrophenol	9.986	139	263502	42.392	ng	90
57) 2,4-Dinitrotoluene	10.069	165	386698	48.731	ng	99
58) Fluorene	10.433	166	1177534	37.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	381783	40.468	ng	99
60) Diethylphthalate	10.310	149	1386945	39.450	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	606946	38.421	ng	92
62) 4-Nitroaniline	10.451	138	325546	44.388	ng	99
63) Azobenzene	10.586	77	1402990	39.199	ng	99
65) 4,6-Dinitro-2-methylph...	10.474	198	222200	47.826	ng	99
66) n-Nitrosodiphenylamine	10.545	169	1164300	38.664	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	414314	39.868	ng	96
68) Hexachlorobenzene	10.974	284	450689	39.272	ng	99
69) Atrazine	11.074	200	355727	38.062	ng	99
70) Pentachlorophenol	11.169	266	287271	41.078	ng	98
71) Phenanthrene	11.392	178	1810470	37.997	ng	100
72) Anthracene	11.445	178	1789134	37.592	ng	100
73) Carbazole	11.598	167	1710179	37.494	ng	100
74) Di-n-butylphthalate	11.933	149	2066752	38.498	ng	100
75) Fluoranthene	12.580	202	1894152	37.184	ng	100
77) Benzidine	12.698	184	526635	37.519	ng	99
78) Pyrene	12.810	202	1887349	41.168	ng	100
80) Butylbenzylphthalate	13.433	149	828802	42.861	ng	99
81) Benzo(a)anthracene	13.998	228	1366977	37.793	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	361519	39.033	ng	99
83) Chrysene	14.039	228	1438034	38.821	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	994756	42.533	ng	100
85) Di-n-octyl phthalate	14.610	149	1715729	41.675	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1222129	40.971	ng	99
88) Benzo(b)fluoranthene	15.045	252	1197203	38.054	ng	100
89) Benzo(k)fluoranthene	15.074	252	1230853	42.226	ng	100
90) Benzo(a)pyrene	15.409	252	996415	39.476	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1013153	40.965	ng	98
92) Benzo(g,h,i)perylene	17.368	276	988701	40.303	ng	99

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

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