Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127650.D
Acq On : 06 Apr 2022 16:10
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 06 17:05:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	143870	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	503588	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	288189	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	498115	20.000	ng		0.00
76) Chrysene-d12	14.157	240	314980	20.000	ng		0.00
86) Perylene-d12	15.674	264	260081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	685587	77.432	ng		0.00
7) Phenol-d6	6.586	99	912664	78.793	ng		0.00
23) Nitrobenzene-d5	7.533	82	921860	81.610	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	250136	81.564	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	1561981	76.675	ng		0.00
79) Terphenyl-d14	13.098	244	1579901	82.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	168433	40.107	ng		88
3) Pyridine	3.598	79	446147	40.335	ng		86
4) n-Nitrosodimethylamine	3.575	42	238224	40.047	ng	#	94
6) Aniline	6.634	93	562155	40.692	ng		96
8) 2-Chlorophenol	6.751	128	353601	39.370	ng		96
9) Benzaldehyde	6.522	77	240946	41.673	ng		96
10) Phenol	6.598	94	461389	39.836	ng		99
11) bis(2-Chloroethyl)ether	6.704	93	379847	39.713	ng		90
12) 1,3-Dichlorobenzene	6.910	146	401668	39.139	ng		97
13) 1,4-Dichlorobenzene	6.986	146	400318	38.588	ng		98
14) 1,2-Dichlorobenzene	7.139	146	369987	37.311	ng		98
15) Benzyl Alcohol	7.104	79	402798	39.778	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.239	45	604521	40.040	ng		99
17) 2-Methylphenol	7.204	107	312641	40.017	ng		98
18) Hexachloroethane	7.481	117	155479	39.276	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	300211	40.073	ng		99
20) 3+4-Methylphenols	7.363	107	393758	39.550	ng	#	66
22) Acetophenone	7.375	105	526407	38.900	ng	#	85
24) Nitrobenzene	7.551	77	443390	40.492	ng		97
25) Isophorone	7.786	82	791538	40.158	ng		99
26) 2-Nitrophenol	7.863	139	171606	43.609	ng		95
27) 2,4-Dimethylphenol	7.892	122	302711	39.290	ng		94
28) bis(2-Chloroethoxy)met...	7.998	93	482027	39.661	ng		99
29) 2,4-Dichlorophenol	8.098	162	329431	39.692	ng		97
30) 1,2,4-Trichlorobenzene	8.186	180	374781	39.236	ng		98
31) Naphthalene	8.275	128	1025870	38.876	ng		98
32) Benzoic acid	8.010	122	240305	42.991	ng		96
33) 4-Chloroaniline	8.316	127	409069	39.362	ng		98
34) Hexachlorobutadiene	8.386	225	257852	39.243	ng		98
35) Caprolactam	8.698	113	100826	41.103	ng	#	76
36) 4-Chloro-3-methylphenol	8.792	107	349796	40.200	ng		97
37) 2-Methylnaphthalene	8.963	142	694357	39.342	ng		100
38) 1-Methylnaphthalene	9.069	142	674975	39.622	ng		98
40) 1,2,4,5-Tetrachloroben...	9.127	216	367909	38.922	ng		98
41) Hexachlorocyclopentadiene	9.116	237	227916	40.028	ng		99
43) 2,4,6-Trichlorophenol	9.239	196	249088	38.815	ng		100

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44) 2,4,5-Trichlorophenol	9.275	196	261810	40.431	ng		98
46) 1,1'-Biphenyl	9.433	154	857786	38.919	ng		98
47) 2-Chloronaphthalene	9.457	162	681445	38.906	ng		97
48) 2-Nitroaniline	9.551	65	232867	42.808	ng		96
49) Acenaphthylene	9.875	152	1042374	39.126	ng		99
50) Dimethylphthalate	9.733	163	823373	39.416	ng		99
51) 2,6-Dinitrotoluene	9.792	165	164821	41.859	ng		90
52) Acenaphthene	10.051	154	652850	38.896	ng		99
53) 3-Nitroaniline	9.969	138	174631	41.981	ng		94
54) 2,4-Dinitrophenol	10.063	184	70780	39.170	ng		87
55) Dibenzofuran	10.222	168	957964	39.112	ng		95
56) 4-Nitrophenol	10.104	139	137913	42.210	ng		92
57) 2,4-Dinitrotoluene	10.198	165	211902	43.407	ng	#	88
58) Fluorene	10.563	166	700266	38.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	224052	39.707	ng		95
60) Diethylphthalate	10.433	149	793104	39.676	ng		98
61) 4-Chlorophenyl-phenyle...	10.557	204	390494	39.271	ng		98
62) 4-Nitroaniline	10.580	138	165211	42.170	ng		89
63) Azobenzene	10.716	77	882887	39.526	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	103917	43.192	ng		94
66) n-Nitrosodiphenylamine	10.674	169	635463	40.507	ng		99
67) 4-Bromophenyl-phenylether	11.051	248	252303	41.735	ng		99
68) Hexachlorobenzene	11.110	284	265564	40.186	ng		95
69) Atrazine	11.198	200	199909	38.353	ng		96
70) Pentachlorophenol	11.298	266	165147	41.842	ng		99
71) Phenanthrene	11.533	178	1036941	39.290	ng		99
72) Anthracene	11.586	178	1031517	39.512	ng		98
73) Carbazole	11.733	167	962066	39.329	ng		99
74) Di-n-butylphthalate	12.063	149	1175510	40.199	ng	#	98
75) Fluoranthene	12.721	202	1116938	38.783	ng		99
77) Benzidine	12.839	184	356200	43.327	ng		99
78) Pyrene	12.957	202	1105459	41.562	ng		99
80) Butylbenzylphthalate	13.568	149	431119	43.533	ng		98
81) Benzo(a)anthracene	14.145	228	861469	40.950	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	271742	41.434	ng		98
83) Chrysene	14.180	228	815075	40.363	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	589517	42.231	ng		97
85) Di-n-octyl phthalate	14.751	149	881980	43.212	ng		96
87) Indeno(1,2,3-cd)pyrene	17.250	276	712909	43.872	ng		100
88) Benzo(b)fluoranthene	15.227	252	677850	40.514	ng		97
89) Benzo(k)fluoranthene	15.257	252	668223	40.269	ng		99
90) Benzo(a)pyrene	15.615	252	563028	41.403	ng		100
91) Dibenzo(a,h)anthracene	17.268	278	584554	44.399	ng		98
92) Benzo(g,h,i)perylene	17.727	276	592023	43.861	ng		99

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

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