Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
Data File : BF128330.D
Acq On : 19 May 2022 12:04
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 19 16:49:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 06:47:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	77651	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	287324	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	159762	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	279609	20.000	ng		0.00
76) Chrysene-d12	14.051	240	161699	20.000	ng		0.00
86) Perylene-d12	15.539	264	153389	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	405058	83.156	ng		0.00
7) Phenol-d6	6.504	99	522903	81.162	ng		0.00
23) Nitrobenzene-d5	7.439	82	525307	82.266	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	132586	72.361	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	789567	77.329	ng		0.00
79) Terphenyl-d14	12.986	244	765669	88.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	92787	42.821	ng		98
3) Pyridine	3.393	79	244854	42.594	ng		98
4) n-Nitrosodimethylamine	3.363	42	122005	42.575	ng		94
6) Aniline	6.534	93	298615	41.042	ng		97
8) 2-Chlorophenol	6.657	128	203201	40.957	ng		96
9) Benzaldehyde	6.422	77	148396	51.290	ng		95
10) Phenol	6.516	94	275562	40.559	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	210511	41.372	ng		98
12) 1,3-Dichlorobenzene	6.804	146	231889	41.526	ng		95
13) 1,4-Dichlorobenzene	6.887	146	232593	41.221	ng		99
14) 1,2-Dichlorobenzene	7.039	146	216351	40.688	ng		99
15) Benzyl Alcohol	7.010	79	209774	41.202	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	314555	41.689	ng		99
17) 2-Methylphenol	7.122	107	170399	40.483	ng		97
18) Hexachloroethane	7.375	117	88547	41.537	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	157128	39.603	ng		100
20) 3+4-Methylphenols	7.275	107	205987	39.525	ng	#	83
22) Acetophenone	7.281	105	281740	39.378	ng	#	91
24) Nitrobenzene	7.457	77	243696	41.351	ng		98
25) Isophorone	7.692	82	401288	40.085	ng		99
26) 2-Nitrophenol	7.769	139	107059	41.371	ng		97
27) 2,4-Dimethylphenol	7.804	122	155450	38.972	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	256325	40.506	ng		98
29) 2,4-Dichlorophenol	8.010	162	169241	40.359	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	193511	40.264	ng		99
31) Naphthalene	8.175	128	567056	39.961	ng		99
32) Benzoic acid	7.934	122	86472	28.989	ng		95
33) 4-Chloroaniline	8.222	127	227169	40.327	ng		96
34) Hexachlorobutadiene	8.281	225	128596	39.848	ng		97
35) Caprolactam	8.604	113	51952	37.953	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	184686	39.417	ng		94
37) 2-Methylnaphthalene	8.863	142	376544	39.358	ng		98
38) 1-Methylnaphthalene	8.963	142	358143	38.977	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	190559	40.436	ng		99
41) Hexachlorocyclopentadiene	9.010	237	63423	32.686	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	120394	39.653	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	123772	38.233	ng		98
46) 1,1'-Biphenyl	9.328	154	456799	39.275	ng		100
47) 2-Chloronaphthalene	9.357	162	340627	39.514	ng		99
48) 2-Nitroaniline	9.457	65	124242	40.200	ng		95
49) Acenaphthylene	9.769	152	513582	39.389	ng		99
50) Dimethylphthalate	9.628	163	394813	38.295	ng		99
51) 2,6-Dinitrotoluene	9.698	165	87321	38.611	ng		98
52) Acenaphthene	9.939	154	335138	37.072	ng		99
53) 3-Nitroaniline	9.869	138	96823	39.491	ng		98
54) 2,4-Dinitrophenol	9.986	184	42613	34.059	ng		96
55) Dibenzofuran	10.116	168	512402	39.920	ng		100
56) 4-Nitrophenol	10.039	139	54892	32.041	ng		96
57) 2,4-Dinitrotoluene	10.104	165	116768	38.613	ng	#	78
58) Fluorene	10.457	166	383005	38.308	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	101687	36.755	ng		98
60) Diethylphthalate	10.327	149	404059	39.282	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	191271	38.362	ng		93
62) 4-Nitroaniline	10.486	138	92221	37.103	ng		95
63) Azobenzene	10.610	77	449554	39.912	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	68311	39.036	ng		88
66) n-Nitrosodiphenylamine	10.569	169	333394	40.912	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	120090	39.921	ng		97
68) Hexachlorobenzene	11.004	284	126930	38.573	ng		97
69) Atrazine	11.098	200	104810	38.128	ng		98
70) Pentachlorophenol	11.210	266	54972	34.421	ng		95
71) Phenanthrene	11.427	178	565416	40.611	ng		99
72) Anthracene	11.480	178	562681	40.478	ng		99
73) Carbazole	11.633	167	516137	39.047	ng		99
74) Di-n-butylphthalate	11.951	149	590314	38.792	ng		99
75) Fluoranthene	12.616	202	526819	34.901	ng		98
77) Benzidine	12.739	184	134096	38.290	ng		99
78) Pyrene	12.851	202	540941	46.137	ng		99
80) Butylbenzylphthalate	13.457	149	212047	43.503	ng		98
81) Benzo(a)anthracene	14.039	228	420737	40.737	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	100471	43.354	ng		99
83) Chrysene	14.074	228	394578	40.040	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	272994	41.451	ng		99
85) Di-n-octyl phthalate	14.627	149	404805	38.478	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	464272	50.036	ng		97
88) Benzo(b)fluoranthene	15.098	252	370473	38.962	ng		99
89) Benzo(k)fluoranthene	15.133	252	343054	36.549	ng		99
90) Benzo(a)pyrene	15.474	252	311675	40.602	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	376163	50.075	ng		98
92) Benzo(g,h,i)perylene	17.515	276	399760	52.558	ng		98

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

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