Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
Data File : BF129286.D
Acq On : 20 Jul 2022 11:14
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 12:08:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 12:05:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	230024	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	856428	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	449774	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	759829	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	490408	20.000	ng		0.00
86) Perylene-d12	15.568	264	398908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1081546	75.092	ng		0.00
7) Phenol-d6	6.528	99	1375686	73.850	ng		0.00
23) Nitrobenzene-d5	7.463	82	1246066	77.774	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	336579	80.624	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2040651	76.867	ng		0.00
79) Terphenyl-d14	13.015	244	2028804	77.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	244303	37.231	ng		91
3) Pyridine	3.475	79	709402	42.039	ng		91
4) n-Nitrosodimethylamine	3.422	42	312570	39.214	ng	#	95
6) Aniline	6.563	93	858771	39.240	ng		100
8) 2-Chlorophenol	6.681	128	595441	39.262	ng		99
9) Benzaldehyde	6.451	77	476297	41.664	ng		98
10) Phenol	6.539	94	731967m	39.117	ng		
11) bis(2-Chloroethyl)ether	6.634	93	577897	38.079	ng		93
12) 1,3-Dichlorobenzene	6.839	146	643556	39.903	ng		97
13) 1,4-Dichlorobenzene	6.916	146	652062	39.973	ng		100
14) 1,2-Dichlorobenzene	7.069	146	599539	39.431	ng		99
15) Benzyl Alcohol	7.039	79	510500	41.149	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	878520	36.330	ng		95
17) 2-Methylphenol	7.145	107	486454	38.158	ng		99
18) Hexachloroethane	7.410	117	244670	40.142	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	403309	36.809	ng		94
20) 3+4-Methylphenols	7.298	107	609083	38.873	ng		96
22) Acetophenone	7.310	105	776331	39.280	ng	#	96
24) Nitrobenzene	7.481	77	637280	41.814	ng		96
25) Isophorone	7.716	82	1090938	40.515	ng		99
26) 2-Nitrophenol	7.798	139	319292	41.706	ng		89
27) 2,4-Dimethylphenol	7.828	122	473383	39.765	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	627741	34.998	ng		98
29) 2,4-Dichlorophenol	8.033	162	490182	41.419	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	501247	40.818	ng		97
31) Naphthalene	8.204	128	1701609	41.936	ng		100
32) Benzoic acid	7.945	122	357907	38.711	ng		96
33) 4-Chloroaniline	8.251	127	701161	41.669	ng		97
34) Hexachlorobutadiene	8.316	225	289333	41.880	ng		98
35) Caprolactam	8.628	113	154966	39.418	ng	#	79
36) 4-Chloro-3-methylphenol	8.728	107	518756	40.182	ng		96
37) 2-Methylnaphthalene	8.892	142	1115933	42.195	ng		97
38) 1-Methylnaphthalene	8.992	142	1070270	41.846	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	458148	40.970	ng		99
41) Hexachlorocyclopentadiene	9.045	237	221323	39.331	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	335497	40.744	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	368216	42.274	ng	#	94
46) 1,1'-Biphenyl	9.357	154	1288821	40.513	ng		99
47) 2-Chloronaphthalene	9.386	162	1033656	41.252	ng		98
48) 2-Nitroaniline	9.480	65	359464	42.700	ng		94
49) Acenaphthylene	9.804	152	1582735	41.967	ng		100
50) Dimethylphthalate	9.657	163	1192392	40.853	ng		99
51) 2,6-Dinitrotoluene	9.722	165	273161	43.250	ng		97
52) Acenaphthene	9.975	154	1021754m	41.447	ng		
53) 3-Nitroaniline	9.892	138	326808	43.332	ng	#	97
54) 2,4-Dinitrophenol	9.998	184	141070	41.675	ng		96
55) Dibenzofuran	10.145	168	1430037	40.864	ng		97
56) 4-Nitrophenol	10.051	139	244743	41.000	ng		95
57) 2,4-Dinitrotoluene	10.127	165	363675	43.911	ng		97
58) Fluorene	10.492	166	1124236	42.238	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	281258	41.801	ng		90
60) Diethylphthalate	10.357	149	1158673	41.051	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	491191	39.837	ng		96
62) 4-Nitroaniline	10.510	138	321252	43.025	ng		94
63) Azobenzene	10.639	77	1191509	39.547	ng		95
65) 4,6-Dinitro-2-methylph...	10.539	198	198490	41.345	ng		87
66) n-Nitrosodiphenylamine	10.598	169	981007	40.466	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	321716	40.222	ng		93
68) Hexachlorobenzene	11.039	284	346949	41.324	ng		97
69) Atrazine	11.121	200	303344	45.135	ng		95
70) Pentachlorophenol	11.233	266	205185	41.098	ng		99
71) Phenanthrene	11.457	178	1617224	41.922	ng		100
72) Anthracene	11.510	178	1597585	41.690	ng		100
73) Carbazole	11.663	167	1501873	39.291	ng		99
74) Di-n-butylphthalate	11.980	149	1735189	39.501	ng		100
75) Fluoranthene	12.645	202	1653429	43.035	ng		97
77) Benzidine	12.768	184	808941	58.929	ng		100
78) Pyrene	12.880	202	1668907	42.016	ng		98
80) Butylbenzylphthalate	13.486	149	692533	39.143	ng		98
81) Benzo(a)anthracene	14.068	228	1328560	42.949	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	446973	57.763	ng		99
83) Chrysene	14.104	228	1234433	41.808	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	831899	35.337	ng		99
85) Di-n-octyl phthalate	14.657	149	1191019	35.273	ng		98
87) Indeno(1,2,3-cd)pyrene	17.092	276	1125821	45.260	ng		98
88) Benzo(b)fluoranthene	15.127	252	1056356m	43.106	ng		
89) Benzo(k)fluoranthene	15.162	252	981562	40.996	ng		100
90) Benzo(a)pyrene	15.504	252	839862	42.098	ng		98
91) Dibenzo(a,h)anthracene	17.103	278	912132	45.334	ng		97
92) Benzo(g,h,i)perylene	17.550	276	960226	46.688	ng		98

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

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