Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123884.D
Acq On : 10 May 2021 13:34
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: May 10 14:59:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 14:57:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	114362	20.00	ng		0.00
21) Naphthalene-d8	8.051	136	423168	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	199607	20.00	ng		0.00
64) Phenanthrene-d10	11.292	188	547596	20.00	ng		0.00
76) Chrysene-d12	13.933	240	430686	20.00	ng		0.00
86) Perylene-d12	15.368	264	311589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	313105	43.37	ng		0.00
7) Phenol-d6	6.410	99	440685	44.32	ng		0.00
23) Nitrobenzene-d5	7.334	82	426805	45.53	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	124312	50.03	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	658960	48.08	ng		0.00
79) Terphenyl-d14	12.874	244	1005180	44.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	75125	19.32	ng		97
3) Pyridine	3.187	79	175227	18.44	ng	#	91
4) n-Nitrosodimethylamine	3.128	42	133615	25.52	ng		82
6) Aniline	6.434	93	237431	20.64	ng	#	84
8) 2-Chlorophenol	6.557	128	169950	21.89	ng		100
9) Benzaldehyde	6.316	77	109212	22.69	ng		95
10) Phenol	6.422	94	233781	21.89	ng	#	75
11) bis(2-Chloroethyl)ether	6.504	93	153748	19.71	ng		95
12) 1,3-Dichlorobenzene	6.710	146	171774	21.89	ng		98
13) 1,4-Dichlorobenzene	6.787	146	178372	22.47	ng		97
14) 1,2-Dichlorobenzene	6.940	146	168742	21.89	ng		96
15) Benzyl Alcohol	6.916	79	178845	22.94	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.045	45	348212	20.99	ng		96
17) 2-Methylphenol	7.034	107	140575	21.24	ng		92
18) Hexachloroethane	7.281	117	71295	22.69	ng		97
19) n-Nitroso-di-n-propyla...	7.181	70	135775	22.11	ng		92
20) 3+4-Methylphenols	7.187	107	180006	21.38	ng		94
22) Acetophenone	7.181	105	263318	22.89	ng	#	89
24) Nitrobenzene	7.351	77	220046	22.54	ng		94
25) Isophorone	7.592	82	365905	20.82	ng		99
26) 2-Nitrophenol	7.669	139	88236	22.14	ng		89
27) 2,4-Dimethylphenol	7.710	122	133332	21.30	ng		94
28) bis(2-Chloroethoxy)met...	7.804	93	178113	19.89	ng		98
29) 2,4-Dichlorophenol	7.916	162	138121	22.39	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	147525	22.82	ng		99
31) Naphthalene	8.075	128	493038	22.63	ng		100
32) Benzoic acid	7.822	122	69856	17.73	ng	#	69
33) 4-Chloroaniline	8.128	127	200877	22.09	ng		97
34) Hexachlorobutadiene	8.198	225	101120	25.66	ng		98
35) Caprolactam	8.487	113	43734	20.19	ng	#	86
36) 4-Chloro-3-methylphenol	8.616	107	162397	21.10	ng		96
37) 2-Methylnaphthalene	8.769	142	301054	21.20	ng		99
38) 1-Methylnaphthalene	8.869	142	285317	21.38	ng		99
40) 1,2,4,5-Tetrachloroben...	8.934	216	139079	23.68	ng		97
41) Hexachlorocyclopentadiene	8.922	237	35296	15.15	ng		95
43) 2,4,6-Trichlorophenol	9.045	196	92688	22.91	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	97320	22.42	ng		95
46) 1,1'-Biphenyl	9.234	154	363331	22.22	ng		97
47) 2-Chloronaphthalene	9.257	162	276459	22.42	ng		99
48) 2-Nitroaniline	9.351	65	121392	22.35	ng		89
49) Acenaphthylene	9.669	152	453081	22.77	ng		98
50) Dimethylphthalate	9.534	163	303635	21.60	ng		99
51) 2,6-Dinitrotoluene	9.592	165	69902	21.51	ng		90
52) Acenaphthene	9.839	154	265132	21.86	ng		98
53) 3-Nitroaniline	9.763	138	80349	20.70	ng		98
54) 2,4-Dinitrophenol	9.869	184	33352	19.32	ng	#	75
55) Dibenzofuran	10.016	168	414651	22.61	ng		100
56) 4-Nitrophenol	9.934	139	53066	18.77	ng	#	74
57) 2,4-Dinitrotoluene	9.998	165	95128	21.47	ng	#	86
58) Fluorene	10.357	166	338883	24.04	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	81762	23.79	ng		91
60) Diethylphthalate	10.233	149	326112	21.79	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	157653	24.00	ng		92
62) 4-Nitroaniline	10.375	138	85721	22.28	ng		90
63) Azobenzene	10.510	77	367782	21.38	ng		96
65) 4,6-Dinitro-2-methylph...	10.404	198	53516	15.77	ng		92
66) n-Nitrosodiphenylamine	10.469	169	278265	15.53	ng		98
67) 4-Bromophenyl-phenylether	10.839	248	99595	17.27	ng		96
68) Hexachlorobenzene	10.904	284	118748	18.09	ng		98
69) Atrazine	10.992	200	97296	17.97	ng		97
70) Pentachlorophenol	11.104	266	58565	17.51	ng		99
71) Phenanthrene	11.316	178	662819	23.08	ng		98
72) Anthracene	11.369	178	660169	23.12	ng		98
73) Carbazole	11.528	167	672125	23.29	ng		99
74) Di-n-butylphthalate	11.857	149	664085	20.49	ng		99
75) Fluoranthene	12.504	202	724526	23.13	ng		97
77) Benzidine	12.627	184	178654	16.02	ng		98
78) Pyrene	12.733	202	738982	22.11	ng		100
80) Butylbenzylphthalate	13.351	149	268685	18.81	ng		100
81) Benzo(a)anthracene	13.921	228	594215	22.77	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	175432	21.89	ng		99
83) Chrysene	13.957	228	588998	22.43	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	324145	18.27	ng		98
85) Di-n-octyl phthalate	14.527	149	454776	16.03	ng		98
87) Indeno(1,2,3-cd)pyrene	16.786	276	294374	16.22	ng		96
88) Benzo(b)fluoranthene	14.957	252	449536	21.41	ng		99
89) Benzo(k)fluoranthene	14.986	252	430935	21.50	ng	#	98
90) Benzo(a)pyrene	15.310	252	394331	21.96	ng		97
91) Dibenzo(a,h)anthracene	16.798	278	250039	16.32	ng	#	93
92) Benzo(g,h,i)perylene	17.215	276	346469	22.58	ng		97

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

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