Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120398.D
Acq On : 28 May 2020 10:27
Operator : MA/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: May 28 12:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	223211	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	846250	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	439924	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	838939	20.00	ng		0.00
76) Chrysene-d12	13.99	240	612025	20.00	ng		0.00
86) Perylene-d12	15.44	264	552926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	588884	51.33	ng		0.00
7) Phenol-d6	6.46	99	729465	50.28	ng		-0.01
23) Nitrobenzene-d5	7.40	82	628677	50.86	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	202457	56.44	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1267392	59.19	ng		0.00
79) Terphenyl-d14	12.95	244	1437792	51.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	139885	30.653	ng		98
3) Pyridine	3.33	79	380808	26.546	ng		97
4) n-Nitrosodimethylamine	3.27	42	157919	28.114	ng		97
6) Aniline	6.50	93	492845	26.564	ng		98
8) 2-Chlorophenol	6.62	128	332597	24.865	ng		99
9) Benzaldehyde	6.39	77	180456	20.178	ng		100
10) Phenol	6.47	94	388105	22.917	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	327665	24.222	ng		95
12) 1,3-Dichlorobenzene	6.78	146	360807	25.208	ng		98
13) 1,4-Dichlorobenzene	6.86	146	364306	24.713	ng		99
14) 1,2-Dichlorobenzene	7.01	146	343401	25.868	ng		99
15) Benzyl Alcohol	6.97	79	269838	26.181	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	509594	23.904	ng		99
17) 2-Methylphenol	7.08	107	289063	25.599	ng		99
18) Hexachloroethane	7.36	117	130834	23.297	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	221751	23.332	ng		97
20) 3+4-Methylphenols	7.23	107	365251	24.879	ng	#	81
22) Acetophenone	7.25	105	442833	25.544	ng	#	97
24) Nitrobenzene	7.42	77	340190	25.574	ng		99
25) Isophorone	7.66	82	622863	24.219	ng		99
26) 2-Nitrophenol	7.73	139	142097	20.425	ng		95
27) 2,4-Dimethylphenol	7.77	122	261887	25.878	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	389086	24.070	ng		99
29) 2,4-Dichlorophenol	7.97	162	269436	25.923	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	309376	26.860	ng		99
31) Naphthalene	8.15	128	951042	26.628	ng		98
32) Benzoic acid	7.86	122	176577	26.619	ng		98
33) 4-Chloroaniline	8.19	127	407278	25.022	ng		99
34) Hexachlorobutadiene	8.26	225	183687	27.592	ng		99
35) Caprolactam	8.54	113	83645	24.599	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	271279	24.127	ng		99
37) 2-Methylnaphthalene	8.83	142	630914	25.814	ng		98
38) 1-Methylnaphthalene	8.93	142	594081	25.061	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	285631	25.749	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	149301	38.044	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	196031	26.327	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	226670	26.507	ng		98
46) 1,1'-Biphenyl	9.30	154	746064	25.883	ng		98
47) 2-Chloronaphthalene	9.32	162	609131	26.345	ng		99
48) 2-Nitroaniline	9.41	65	168537	19.978	ng		97
49) Acenaphthylene	9.73	152	937526	26.545	ng		99
50) Dimethylphthalate	9.59	163	686190	24.675	ng		99
51) 2,6-Dinitrotoluene	9.65	165	144639	23.303	ng		98
52) Acenaphthene	9.91	154	573839	27.106	ng		99
53) 3-Nitroaniline	9.82	138	168620	22.781	ng		98
54) 2,4-Dinitrophenol	9.92	184	36170	12.345	ng	#	86
55) Dibenzofuran	10.08	168	862666	28.296	ng		96
56) 4-Nitrophenol	9.97	139	125507	31.557	ng		93
57) 2,4-Dinitrotoluene	10.05	165	182120	25.013	ng		99
58) Fluorene	10.42	166	633827	27.299	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	175402	27.256	ng		100
60) Diethylphthalate	10.30	149	689106	25.667	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	330438	27.373	ng		96
62) 4-Nitroaniline	10.43	138	157289	22.821	ng		99
63) Azobenzene	10.57	77	662741	26.118	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	57135	13.466	ng		94
66) n-Nitrosodiphenylamine	10.53	169	579451	24.966	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	211212	25.945	ng		95
68) Hexachlorobenzene	10.97	284	222850	26.166	ng	#	92
69) Atrazine	11.06	200	156740	22.569	ng		99
70) Pentachlorophenol	11.16	266	127683	35.250	ng		100
71) Phenanthrene	11.38	178	952467	27.019	ng		98
72) Anthracene	11.43	178	951180	25.204	ng		99
73) Carbazole	11.59	167	904769	25.659	ng		99
74) Di-n-butylphthalate	11.92	149	1080492	25.425	ng		99
75) Fluoranthene	12.57	202	1008607	26.694	ng		98
77) Benzidine	12.69	184	366663	20.516	ng		99
78) Pyrene	12.80	202	1040671	23.851	ng		98
80) Butylbenzylphthalate	13.42	149	413955	20.148	ng		95
81) Benzo(a)anthracene	13.98	228	831927	25.772	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	284172	23.360	ng		99
83) Chrysene	14.02	228	858595	24.770	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	521579	20.405	ng		100
85) Di-n-octyl phthalate	14.59	149	852978	18.549	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	700338	23.911	ng		99
88) Benzo(b)fluoranthene	15.02	252	731504	24.225	ng		99
89) Benzo(k)fluoranthene	15.05	252	730860	27.936	ng		98
90) Benzo(a)pyrene	15.38	252	645919	23.851	ng		100
91) Dibenzo(a,h)anthracene	16.89	278	586310	24.439	ng		99
92) Benzo(g,h,i)perylene	17.30	276	547522	22.632	ng		99

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

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