Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120397.D
Acq On : 28 May 2020 10:00
Operator : MA/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: May 28 12:26:50 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	247464	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	950405	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	491551	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	939940	20.00	ng		0.00
76) Chrysene-d12	13.99	240	724050	20.00	ng		0.00
86) Perylene-d12	15.44	264	641547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	301195	23.68	ng		0.00
7) Phenol-d6	6.45	99	370242	23.02	ng		-0.02
23) Nitrobenzene-d5	7.39	82	311807	22.46	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	101457	25.31	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	684718	28.62	ng		0.00
79) Terphenyl-d14	12.94	244	795869	24.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	67343	13.311	ng		99
3) Pyridine	3.33	79	183891	11.563	ng		99
4) n-Nitrosodimethylamine	3.26	42	76519	12.288	ng	#	99
6) Aniline	6.50	93	244164	11.870	ng		97
8) 2-Chlorophenol	6.62	128	168711	11.377	ng		94
9) Benzaldehyde	6.39	77	123361	12.442	ng		99
10) Phenol	6.46	94	203723	10.851	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	165884	11.061	ng		97
12) 1,3-Dichlorobenzene	6.78	146	184674	11.638	ng		97
13) 1,4-Dichlorobenzene	6.86	146	184549	11.292	ng		97
14) 1,2-Dichlorobenzene	7.01	146	178076	12.100	ng		98
15) Benzyl Alcohol	6.97	79	133558	11.689	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	260949	11.041	ng		99
17) 2-Methylphenol	7.08	107	145384	11.613	ng		99
18) Hexachloroethane	7.35	117	64867	10.419	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	114637	10.880	ng		97
20) 3+4-Methylphenols	7.23	107	188492	11.581	ng	#	89
22) Acetophenone	7.24	105	232012	11.916	ng	#	97
24) Nitrobenzene	7.42	77	169384	11.338	ng		97
25) Isophorone	7.65	82	314220	10.879	ng		98
26) 2-Nitrophenol	7.73	139	61715	7.899	ng		98
27) 2,4-Dimethylphenol	7.77	122	130264	11.461	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	195144	10.749	ng		98
29) 2,4-Dichlorophenol	7.97	162	134112	11.489	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	155557	12.026	ng		98
31) Naphthalene	8.14	128	496767	12.385	ng		98
32) Benzoic acid	7.83	122	67820	9.103	ng		98
33) 4-Chloroaniline	8.19	127	205192	11.225	ng		97
34) Hexachlorobutadiene	8.26	225	93718	12.535	ng		97
35) Caprolactam	8.52	113	41005	10.737	ng		93
36) 4-Chloro-3-methylphenol	8.66	107	134661	10.664	ng		98
37) 2-Methylnaphthalene	8.83	142	324239	11.812	ng		97
38) 1-Methylnaphthalene	8.93	142	305880	11.489	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	147192	11.875	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	70088	15.984	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	95066	11.426	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	113122	11.839	ng		98
46) 1,1'-Biphenyl	9.29	154	381156	11.835	ng		98
47) 2-Chloronaphthalene	9.32	162	308110	11.926	ng		97
48) 2-Nitroaniline	9.41	65	79081	8.390	ng		96
49) Acenaphthylene	9.73	152	477234	12.093	ng		98
50) Dimethylphthalate	9.59	163	350033	11.265	ng		99
51) 2,6-Dinitrotoluene	9.65	165	68261	9.843	ng		92
52) Acenaphthene	9.90	154	294473	12.449	ng		100
53) 3-Nitroaniline	9.82	138	81766	9.887	ng		99
54) 2,4-Dinitrophenol	9.92	184	11382	3.477	ng	#	1
55) Dibenzofuran	10.07	168	443925	13.032	ng		98
56) 4-Nitrophenol	9.96	139	55706	12.536	ng		97
57) 2,4-Dinitrotoluene	10.05	165	83050	10.209	ng		88
58) Fluorene	10.42	166	338032	13.030	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	86468	12.025	ng		99
60) Diethylphthalate	10.29	149	355261	11.842	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	175262	12.994	ng		94
62) 4-Nitroaniline	10.42	138	75334	9.782	ng		97
63) Azobenzene	10.57	77	335890	11.847	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	21531	4.529	ng		95
66) n-Nitrosodiphenylamine	10.53	169	298220	11.468	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	106560	11.683	ng		96
68) Hexachlorobenzene	10.96	284	115391	12.093	ng		98
69) Atrazine	11.05	200	85733	11.018	ng		99
70) Pentachlorophenol	11.16	266	56942	14.031	ng		98
71) Phenanthrene	11.38	178	494193	12.512	ng		98
72) Anthracene	11.43	178	494609	11.698	ng		98
73) Carbazole	11.58	167	470497	11.909	ng		99
74) Di-n-butylphthalate	11.92	149	552109	11.596	ng		99
75) Fluoranthene	12.56	202	527319	12.456	ng		99
77) Benzidine	12.69	184	212584	10.054	ng		99
78) Pyrene	12.79	202	543664	10.532	ng		100
80) Butylbenzylphthalate	13.42	149	203922	8.390	ng		95
81) Benzo(a)anthracene	13.98	228	448050	11.732	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	146249	10.162	ng		100
83) Chrysene	14.02	228	450366	10.983	ng		97
84) Bis(2-ethylhexyl)phthalate	13.98	149	273677	9.050	ng		98
85) Di-n-octyl phthalate	14.59	149	404468	7.435	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	331250	9.747	ng		99
88) Benzo(b)fluoranthene	15.02	252	386576	11.034	ng		98
89) Benzo(k)fluoranthene	15.04	252	355909	11.725	ng		99
90) Benzo(a)pyrene	15.37	252	320116	10.188	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	277878	9.983	ng		99
92) Benzo(g,h,i)perylene	17.30	276	258893	9.223	ng		98

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

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