Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120025.D
Acq On : 16 Apr 2020 10:00
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 10:46:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	209622	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	802858	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	417933	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	802864	20.00	ng		0.00
76) Chrysene-d12	13.90	240	579720	20.00	ng		0.00
87) Perylene-d12	15.32	264	523660	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	975536	80.43	ng		0.00
7) Phenol-d6	6.36	99	1255947	80.36	ng		0.00
23) Nitrobenzene-d5	7.30	82	1176696	75.82	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	360194	70.39	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2255963	76.64	ng		0.00
79) Terphenyl-d14	12.85	244	2341340	67.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	196733	36.415	ng		98
3) Pyridine	3.06	79	562721	37.964	ng		98
4) n-Nitrosodimethylamine	3.03	42	280897	37.090	ng		98
6) Aniline	6.39	93	819700	39.958	ng		98
8) 2-Chlorophenol	6.51	128	542147	40.003	ng		97
9) Benzaldehyde	6.27	77	328702	38.634	ng		98
10) Phenol	6.38	94	700196	39.488	ng		89
11) bis(2-Chloroethyl)ether	6.47	93	545928	39.875	ng		98
12) 1,3-Dichlorobenzene	6.66	146	584485	39.392	ng		99
13) 1,4-Dichlorobenzene	6.75	146	586940	38.833	ng		97
14) 1,2-Dichlorobenzene	6.90	146	550964	39.554	ng		97
15) Benzyl Alcohol	6.87	79	474232	39.065	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1032216	38.744	ng		99
17) 2-Methylphenol	6.99	107	482199	39.869	ng		98
18) Hexachloroethane	7.24	117	225123	39.855	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	408027	40.597	ng		99
20) 3+4-Methylphenols	7.15	107	594543	40.193	ng		98
22) Acetophenone	7.15	105	723572	38.487	ng	#	96
24) Nitrobenzene	7.32	77	598461	38.334	ng		99
25) Isophorone	7.56	82	1143214	38.214	ng		99
26) 2-Nitrophenol	7.63	139	303702	38.938	ng		99
27) 2,4-Dimethylphenol	7.67	122	440226	37.424	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	683376	38.819	ng		99
29) 2,4-Dichlorophenol	7.87	162	458122	37.994	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	513954	37.619	ng		97
31) Naphthalene	8.03	128	1597307	37.814	ng		100
32) Benzoic acid	7.82	122	373913	36.193	ng		95
33) 4-Chloroaniline	8.09	127	694712	37.779	ng		98
34) Hexachlorobutadiene	8.15	225	312546	38.216	ng		99
35) Caprolactam	8.47	113	134428	36.447	ng		92
36) 4-Chloro-3-methylphenol	8.57	107	496129	38.005	ng		97
37) 2-Methylnaphthalene	8.73	142	1081097	37.751	ng		99
38) 1-Methylnaphthalene	8.83	142	995329	36.874	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	495168	37.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	353287	47.067	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	345463	37.899	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	391487	38.132	ng		99
46) 1,1'-Biphenyl	9.19	154	1344040	38.101	ng		98
47) 2-Chloronaphthalene	9.22	162	1030498	37.921	ng		98
48) 2-Nitroaniline	9.32	65	374875	38.067	ng		98
49) Acenaphthylene	9.63	152	1549202	37.486	ng		99
50) Dimethylphthalate	9.50	163	1218458	37.692	ng		99
51) 2,6-Dinitrotoluene	9.56	165	267988	37.857	ng		89
52) Acenaphthene	9.80	154	960654	34.846	ng		99
53) 3-Nitroaniline	9.73	138	309848	38.325	ng		95
54) 2,4-Dinitrophenol	9.83	184	207588	48.980	ng	#	91
55) Dibenzofuran	9.97	168	1427630	37.738	ng		99
56) 4-Nitrophenol	9.89	139	222631	37.009	ng		96
57) 2,4-Dinitrotoluene	9.96	165	353067	37.856	ng		93
58) Fluorene	10.32	166	1093639	36.148	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	303979	38.714	ng		99
60) Diethylphthalate	10.20	149	1286873	38.409	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	563621	36.347	ng		96
62) 4-Nitroaniline	10.35	138	307630	39.926	ng		95
63) Azobenzene	10.47	77	1158641	38.588	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	207340	39.200	ng		84
66) n-Nitrosodiphenylamine	10.43	169	1007226	37.722	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	360586	36.115	ng		99
68) Hexachlorobenzene	10.87	284	363038	35.842	ng		98
69) Atrazine	10.96	200	274272	36.919	ng		99
70) Pentachlorophenol	11.06	266	202214	34.643	ng		99
71) Phenanthrene	11.28	178	1576055	36.885	ng		99
72) Anthracene	11.33	178	1604182	36.751	ng		100
73) Carbazole	11.49	167	1532379	37.123	ng		98
74) Di-n-butylphthalate	11.83	149	2020231	37.229	ng		100
75) Fluoranthene	12.47	202	1703308	36.945	ng		99
77) Benzidine	12.59	184	693007	35.364	ng		97
78) Pyrene	12.70	202	1753951	35.889	ng		99
80) Butylbenzylphthalate	13.32	149	849569	35.825	ng		96
81) Benzo(a)anthracene	13.89	228	1406125	36.870	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	529187	37.188	ng	#	97
83) Chrysene	13.93	228	1440502	37.173	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1143512	35.608	ng		98
85) Di-n-octyl phthalate	14.50	149	2017076	36.889	ng		99
86) Indeno(1,2,3-cd)pyrene	16.71	276	1186632	34.739	ng		98
88) Benzo(b)fluoranthene	14.92	252	1332993	35.385	ng		99
89) Benzo(k)fluoranthene	14.94	252	1278375	39.331	ng		98
90) Benzo(a)pyrene	15.26	252	1191139	37.607	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	987548	35.199	ng		96
92) Benzo(g,h,i)perylene	17.13	276	917363	33.125	ng		97

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

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