Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120800.D
Acq On : 7 Jul 2020 23:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 07 23:33:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154075	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	565995	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	286720	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	506512	20.00	ng		0.00
76) Chrysene-d12	14.01	240	369354	20.00	ng		0.00
86) Perylene-d12	15.47	264	295450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	776399	77.79	ng		0.00
7) Phenol-d6	6.47	99	997635	78.27	ng		0.00
23) Nitrobenzene-d5	7.42	82	856799	87.71	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	245462	85.21	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1466831	77.40	ng		0.00
79) Terphenyl-d14	12.96	244	1563736	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	177078	38.838	ng		99
3) Pyridine	3.33	79	500370	40.066	ng		99
4) n-Nitrosodimethylamine	3.28	42	245321	39.266	ng	#	99
6) Aniline	6.51	93	642942	39.276	ng		99
8) 2-Chlorophenol	6.63	128	422346	39.744	ng		98
9) Benzaldehyde	6.40	77	273833	36.122	ng		96
10) Phenol	6.49	94	524811m	40.024	ng		
11) bis(2-Chloroethyl)ether	6.59	93	421747	39.526	ng		99
12) 1,3-Dichlorobenzene	6.79	146	458030	39.159	ng		99
13) 1,4-Dichlorobenzene	6.87	146	462945	39.516	ng		98
14) 1,2-Dichlorobenzene	7.02	146	436354	39.149	ng		99
15) Benzyl Alcohol	6.99	79	376172	39.279	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	639204	38.407	ng		100
17) 2-Methylphenol	7.10	107	377048	39.662	ng		99
18) Hexachloroethane	7.36	117	175953	39.960	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	294963	38.433	ng		99
20) 3+4-Methylphenols	7.25	107	459038	39.205	ng		97
22) Acetophenone	7.26	105	550195	39.108	ng	#	90
24) Nitrobenzene	7.43	77	457589	41.718	ng		97
25) Isophorone	7.67	82	828299	39.316	ng		97
26) 2-Nitrophenol	7.75	139	195471	42.854	ng		97
27) 2,4-Dimethylphenol	7.78	122	340500	40.487	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	499797	40.084	ng		99
29) 2,4-Dichlorophenol	7.99	162	341308	40.652	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	382457	40.557	ng		100
31) Naphthalene	8.16	128	1203322	39.782	ng		100
32) Benzoic acid	7.89	122	207860m	36.102	ng		
33) 4-Chloroaniline	8.20	127	521445	40.625	ng		97
34) Hexachlorobutadiene	8.27	225	226865	40.001	ng		98
35) Caprolactam	8.57	113	99067	40.495	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	354032	40.538	ng		98
37) 2-Methylnaphthalene	8.85	142	789930	40.173	ng		100
38) 1-Methylnaphthalene	8.95	142	740260	40.191	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	353837	40.833	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	177653	34.699	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	237401	40.205	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	268825	41.024	ng		99
46) 1,1'-Biphenyl	9.31	154	925456	40.015	ng		99
47) 2-Chloronaphthalene	9.33	162	743502	40.128	ng		99
48) 2-Nitroaniline	9.43	65	240907	43.673	ng		99
49) Acenaphthylene	9.75	152	1149046	39.556	ng		99
50) Dimethylphthalate	9.61	163	841633	40.239	ng		100
51) 2,6-Dinitrotoluene	9.67	165	178079	43.085	ng		96
52) Acenaphthene	9.92	154	718754	39.884	ng		98
53) 3-Nitroaniline	9.84	138	221543	43.659	ng	#	93
54) 2,4-Dinitrophenol	9.94	184	42244	32.285	ng		99
55) Dibenzofuran	10.09	168	1037771	39.950	ng		100
56) 4-Nitrophenol	9.99	139	150935	40.412	ng		98
57) 2,4-Dinitrotoluene	10.07	165	230391	44.720	ng		95
58) Fluorene	10.43	166	771511	39.902	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200424m	41.101	ng		
60) Diethylphthalate	10.31	149	875474	40.182	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	388774	39.998	ng		99
62) 4-Nitroaniline	10.45	138	208344	46.883	ng		97
63) Azobenzene	10.59	77	880036	39.485	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	66977	33.862	ng		92
66) n-Nitrosodiphenylamine	10.55	169	711318	41.899	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	245875	41.847	ng		93
68) Hexachlorobenzene	10.98	284	259922	42.157	ng		97
69) Atrazine	11.07	200	181085	41.403	ng		98
70) Pentachlorophenol	11.17	266	136797	39.216	ng		100
71) Phenanthrene	11.40	178	1130868	41.148	ng		99
72) Anthracene	11.45	178	1140959	41.084	ng		99
73) Carbazole	11.60	167	1096904	41.102	ng		99
74) Di-n-butylphthalate	11.94	149	1362039	41.223	ng		100
75) Fluoranthene	12.59	202	1199897	40.985	ng		98
77) Benzidine	12.70	184	396260	38.009	ng		100
78) Pyrene	12.81	202	1232178	41.771	ng		100
80) Butylbenzylphthalate	13.43	149	557397	43.767	ng		96
81) Benzo(a)anthracene	14.00	228	954653	40.321	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	330104	41.315	ng	#	99
83) Chrysene	14.04	228	980110	40.584	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	718362	43.014	ng	#	98
85) Di-n-octyl phthalate	14.61	149	1284051	43.460	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	902194	47.608	ng		99
88) Benzo(b)fluoranthene	15.04	252	812832	41.848	ng		99
89) Benzo(k)fluoranthene	15.07	252	838906	44.386	ng		99
90) Benzo(a)pyrene	15.41	252	735135	42.427	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	753689	47.718	ng		99
92) Benzo(g,h,i)perylene	17.36	276	686155	47.533	ng		99

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

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