Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108040.D
Acq On : 9 Aug 2018 9:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 09 14:17:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	280565	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1068565	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	554985	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1124069	20.00	ng		0.00
75) Chrysene-d12	14.22	240	956529	20.00	ng		0.00
86) Perylene-d12	15.77	264	867606	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1266255	81.71	ng		0.00
7) Phenol-d6	6.63	99	1645736	79.92	ng		0.00
23) Nitrobenzene-d5	7.58	82	1564280	81.69	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	456655	82.49	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2689373	77.80	ng		0.00
78) Terphenyl-d14	13.15	244	2809779	74.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	325276	40.849	ng		88
3) Pyridine	3.68	79	835522	40.733	ng	#	82
4) n-Nitrosodimethylamine	3.65	42	460380	39.887	ng	#	82
6) Aniline	6.68	93	1108839	39.585	ng		95
8) 2-Chlorophenol	6.80	128	706720	40.491	ng		98
9) Benzaldehyde	6.57	77	631186	39.532	ng		98
10) Phenol	6.64	94	851224	39.961	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	685389	39.799	ng		94
12) 1,3-Dichlorobenzene	6.95	146	807673	40.021	ng		97
13) 1,4-Dichlorobenzene	7.03	146	812910	40.092	ng		99
14) 1,2-Dichlorobenzene	7.19	146	757766	40.178	ng		97
15) Benzyl Alcohol	7.15	79	681731	39.324	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1367748	38.553	ng		96
17) 2-Methylphenol	7.25	107	603967	40.352	ng		95
18) Hexachloroethane	7.53	117	285355	39.530	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	536826	38.549	ng		90
20) 3+4-Methylphenols	7.41	107	770850	40.189	ng		91
22) Acetophenone	7.42	105	1005417	40.240	ng	#	93
24) Nitrobenzene	7.60	77	796601	41.138	ng		93
25) Isophorone	7.83	82	1448336	39.681	ng		97
26) 2-Nitrophenol	7.91	139	293194	40.093	ng		93
27) 2,4-Dimethylphenol	7.94	122	660964	40.801	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	845669	39.689	ng		99
29) 2,4-Dichlorophenol	8.15	162	618103	41.461	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	671262	40.840	ng		97
31) Naphthalene	8.32	128	1961511	40.364	ng		97
32) Benzoic acid	8.04	122	318785	35.665	ng		89
33) 4-Chloroaniline	8.37	127	867516	40.963	ng		97
34) Hexachlorobutadiene	8.43	225	420696	40.431	ng		99
35) Caprolactam	8.74	113	195613	41.871	ng	#	77
36) 4-Chloro-3-methylphenol	8.84	107	653338	40.624	ng		98
37) 2-Methylnaphthalene	9.01	142	1369445	39.830	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	693492	40.691	ng		97
40) Hexachlorocyclopentadiene	9.17	237	453527	41.199	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	430906	40.744	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	501688	43.092	ng	#	94
45) 1,1'-Biphenyl	9.48	154	1635391	39.967	ng		97
46) 2-Chloronaphthalene	9.51	162	1304070	40.323	ng		99
47) 2-Nitroaniline	9.60	65	448350	42.846	ng		89
48) Acenaphthylene	9.93	152	2060710	40.304	ng		98
49) Dimethylphthalate	9.78	163	1508926	39.031	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	336839	41.645	ng		97
51) Acenaphthene	10.10	154	1261532	40.284	ng		98
52) 3-Nitroaniline	10.01	138	374233	42.288	ng		93
53) 2,4-Dinitrophenol	10.11	184	104256	38.440	ng	#	29
54) Dibenzofuran	10.27	168	1797432	39.617	ng		92
55) 4-Nitrophenol	10.15	139	274633	40.982	ng	#	81
56) 2,4-Dinitrotoluene	10.24	165	444929	42.736	ng	#	87
57) Fluorene	10.62	166	1430574	39.831	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	424090	43.582	ng	#	86
59) Diethylphthalate	10.48	149	1493534	39.897	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	744805	39.798	ng		96
61) 4-Nitroaniline	10.63	138	375857	42.958	ng		88
62) Azobenzene	10.77	77	1526294	39.480	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	157759	38.568	ng		90
65) n-Nitrosodiphenylamine	10.72	169	1325620	39.908	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	487908	39.941	ng		91
67) Hexachlorobenzene	11.17	284	513412	39.945	ng	#	84
68) Atrazine	11.25	200	457340	41.049	ng		95
69) Pentachlorophenol	11.35	266	246890	40.132	ng		97
70) Phenanthrene	11.58	178	2110087	39.799	ng		96
71) Anthracene	11.64	178	2159829	39.747	ng		95
72) Carbazole	11.79	167	1940848	40.200	ng		96
73) Di-n-butylphthalate	12.11	149	2180545	39.874	ng	#	97
74) Fluoranthene	12.78	202	2331596	40.295	ng		94
76) Benzidine	12.90	184	1518729	42.496	ng		97
77) Pyrene	13.01	202	2351243	38.826	ng		95
79) Butylbenzylphthalate	13.62	149	998251	41.513	ng	#	95
80) Benzo(a)anthracene	14.21	228	2222839	40.493	ng		96
81) 3,3'-Dichlorobenzidine	14.17	252	857747	43.600	ng	#	97
82) Chrysene	14.24	228	1997493	39.690	ng		95
83) Bis(2-ethylhexyl)phthalate	14.17	149	1310254	40.237	ng		98
84) Di-n-octyl phthalate	14.80	149	2151224	43.317	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1793102	41.120	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	2014682	38.861	ng		96
88) Benzo(k)fluoranthene	15.34	252	1971125	41.361	ng	#	95
89) Benzo(a)pyrene	15.71	252	1893099	40.778	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	1485108	38.663	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	1440670	38.090	ng	#	90

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

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