Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107528.D
Acq On : 20 Jul 2018 17:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 20 22:43:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	367361	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1461229	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	656423	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1233162	20.00	ng		0.00
75) Chrysene-d12	14.17	240	933900	20.00	ng		0.00
86) Perylene-d12	15.69	264	813831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1716895	75.14	ng		0.00
7) Phenol-d6	6.61	99	2042213	74.44	ng		0.00
23) Nitrobenzene-d5	7.54	82	1824075	84.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	589478	78.97	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	3026798	76.92	ng		0.00
78) Terphenyl-d14	13.10	244	2776954	76.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	395597	37.198	ng	#	84
3) Pyridine	3.64	79	1089572	37.660	ng	#	85
4) n-Nitrosodimethylamine	3.61	42	438175	35.910	ng		98
6) Aniline	6.65	93	1335194	37.733	ng		90
8) 2-Chlorophenol	6.77	128	918522	37.523	ng		94
9) Benzaldehyde	6.53	77	624782	36.956	ng		99
10) Phenol	6.62	94	1188036	36.821	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	934064	34.918	ng		92
12) 1,3-Dichlorobenzene	6.92	146	1047151	37.730	ng		99
13) 1,4-Dichlorobenzene	7.00	146	1071728	37.676	ng		99
14) 1,2-Dichlorobenzene	7.15	146	957944	37.525	ng		99
15) Benzyl Alcohol	7.12	79	721609	38.593	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1655036	36.674	ng		94
17) 2-Methylphenol	7.23	107	758592	36.461	ng		94
18) Hexachloroethane	7.48	117	389159	39.004	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	641022	36.168	ng		97
20) 3+4-Methylphenols	7.38	107	922255	37.330	ng	#	63
22) Acetophenone	7.39	105	1229921	35.840	ng	#	92
24) Nitrobenzene	7.56	77	996712	40.191	ng		97
25) Isophorone	7.80	82	1672703	36.182	ng		100
26) 2-Nitrophenol	7.88	139	478402	45.682	ng		98
27) 2,4-Dimethylphenol	7.91	122	779358	39.315	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1134272	36.713	ng		98
29) 2,4-Dichlorophenol	8.12	162	788214	38.902	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	853732	37.515	ng		98
31) Naphthalene	8.28	128	2318392	36.080	ng		96
32) Benzoic acid	8.04	122	525012	39.593	ng		96
33) 4-Chloroaniline	8.33	127	957581	34.096	ng		96
34) Hexachlorobutadiene	8.39	225	516676	38.209	ng		99
35) Caprolactam	8.71	113	244766	37.140	ng	#	81
36) 4-Chloro-3-methylphenol	8.81	107	847539	37.657	ng		98
37) 2-Methylnaphthalene	8.97	142	1607898	36.111	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	808376	36.922	ng		98
40) Hexachlorocyclopentadiene	9.12	237	461754	41.488	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	553035	39.462	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	585178	39.952	ng		98
45) 1,1'-Biphenyl	9.44	154	2079613	36.368	ng		96
46) 2-Chloronaphthalene	9.47	162	1595297	36.499	ng		96
47) 2-Nitroaniline	9.57	65	545790	42.832	ng		85
48) Acenaphthylene	9.88	152	2391337	36.421	ng		94
49) Dimethylphthalate	9.74	163	1775165	35.882	ng		98
50) 2,6-Dinitrotoluene	9.80	165	403745	41.105	ng	#	85
51) Acenaphthene	10.05	154	1539359	37.419	ng		98
52) 3-Nitroaniline	9.98	138	479737	40.148	ng		97
53) 2,4-Dinitrophenol	10.08	184	147536	43.196	ng	#	22
54) Dibenzofuran	10.22	168	2147592	35.460	ng		94
55) 4-Nitrophenol	10.14	139	360978	40.349	ng		92
56) 2,4-Dinitrotoluene	10.21	165	499926	42.165	ng		90
57) Fluorene	10.57	166	1609377	37.247	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	474618	38.935	ng		90
59) Diethylphthalate	10.44	149	1833113	35.479	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	874134	35.786	ng		93
61) 4-Nitroaniline	10.60	138	393886	39.234	ng		100
62) Azobenzene	10.72	77	1780263	36.745	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	248061	42.814	ng		94
65) n-Nitrosodiphenylamine	10.68	169	1531619	36.571	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	539792	37.185	ng	#	85
67) Hexachlorobenzene	11.12	284	601708	37.672	ng	#	86
68) Atrazine	11.21	200	480289	37.560	ng		97
69) Pentachlorophenol	11.31	266	401175	40.211	ng		99
70) Phenanthrene	11.54	178	2133073	35.497	ng		96
71) Anthracene	11.59	178	2171926	35.897	ng		95
72) Carbazole	11.75	167	2245057	35.683	ng		95
73) Di-n-butylphthalate	12.06	149	2602153	38.518	ng	#	95
74) Fluoranthene	12.73	202	2276625	35.305	ng		97
76) Benzidine	12.85	184	1376735	51.190	ng		98
77) Pyrene	12.96	202	2362421	36.982	ng		98
79) Butylbenzylphthalate	13.57	149	1155251	42.052	ng		99
80) Benzo(a)anthracene	14.15	228	2029318	37.080	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	659880	39.252	ng		96
82) Chrysene	14.19	228	1908621	36.305	ng		95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1521427	39.250	ng		97
84) Di-n-octyl phthalate	14.74	149	2444834	40.577	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	1579450	35.448	ng		97
87) Benzo(b)fluoranthene	15.24	252	1688737	37.915	ng		97
88) Benzo(k)fluoranthene	15.27	252	1628809	37.326	ng		97
89) Benzo(a)pyrene	15.63	252	1528316	37.512	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	1316880	37.391	ng		97
91) Benzo(g,h,i)perylene	17.75	276	1300230	37.428	ng		96

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

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