Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106295.D
Acq On : 11 Jun 2018 15:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 12 00:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	205112	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	841995	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	411102	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	783786	20.00	ng		0.00
75) Chrysene-d12	14.16	240	688861	20.00	ng		0.00
86) Perylene-d12	15.69	264	561016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	976664	80.59	ng		0.00
7) Phenol-d6	6.59	99	1247578	81.48	ng		0.00
23) Nitrobenzene-d5	7.54	82	1196029	83.56	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	357323	90.34	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1882088	79.70	ng		0.00
78) Terphenyl-d14	13.09	244	2082401	75.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	249034	39.706	ng		96
3) Pyridine	3.60	79	702133	40.172	ng		99
4) n-Nitrosodimethylamine	3.57	42	330652	41.296	ng	#	97
6) Aniline	6.64	93	909040	40.659	ng		97
8) 2-Chlorophenol	6.75	128	535989	41.127	ng		95
9) Benzaldehyde	6.52	77	465407	40.074	ng		99
10) Phenol	6.60	94	672736	40.248	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	574474	40.148	ng		98
12) 1,3-Dichlorobenzene	6.91	146	617119	40.233	ng		98
13) 1,4-Dichlorobenzene	6.99	146	626831	40.271	ng		99
14) 1,2-Dichlorobenzene	7.14	146	582574	39.759	ng		99
15) Benzyl Alcohol	7.11	79	544756	41.545	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	824302	40.187	ng		97
17) 2-Methylphenol	7.21	107	479741	41.259	ng		97
18) Hexachloroethane	7.48	117	221556	39.948	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	448622	39.055	ng		95
20) 3+4-Methylphenols	7.37	107	607903	40.882	ng		93
22) Acetophenone	7.38	105	821284	38.705	ng		99
24) Nitrobenzene	7.55	77	636462	40.913	ng		96
25) Isophorone	7.79	82	1090216	38.998	ng		98
26) 2-Nitrophenol	7.87	139	267019	44.221	ng		92
27) 2,4-Dimethylphenol	7.90	122	486416	41.100	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	719077	39.669	ng		98
29) 2,4-Dichlorophenol	8.10	162	474109	41.524	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	515327	40.253	ng		95
31) Naphthalene	8.28	128	1483469	38.974	ng	#	95
32) Benzoic acid	8.01	122	266653	33.198	ng		89
33) 4-Chloroaniline	8.32	127	679165	40.264	ng		94
34) Hexachlorobutadiene	8.39	225	324456	39.449	ng		98
35) Caprolactam	8.70	113	165329	42.809	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	519181	41.107	ng		98
37) 2-Methylnaphthalene	8.97	142	1025860	39.571	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	535157	40.100	ng		98
40) Hexachlorocyclopentadiene	9.12	237	314552	42.720	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	361977	42.562	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	386412	42.146	ng		93
45) 1,1'-Biphenyl	9.43	154	1230995	38.660	ng		95
46) 2-Chloronaphthalene	9.46	162	988501	38.792	ng		97
47) 2-Nitroaniline	9.55	65	364651	45.490	ng	#	83
48) Acenaphthylene	9.88	152	1514781	38.837	ng		94
49) Dimethylphthalate	9.73	163	1151434	39.203	ng	#	97
50) 2,6-Dinitrotoluene	9.80	165	263289	43.885	ng		95
51) Acenaphthene	10.05	154	989751	39.294	ng		97
52) 3-Nitroaniline	9.97	138	313930	44.087	ng		97
53) 2,4-Dinitrophenol	10.06	184	103955	42.290	ng	#	38
54) Dibenzofuran	10.22	168	1330079	39.214	ng	#	92
55) 4-Nitrophenol	10.11	139	247004	45.255	ng		95
56) 2,4-Dinitrotoluene	10.20	165	344812	45.768	ng	#	98
57) Fluorene	10.57	166	1020538	37.975	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	315501	43.417	ng	#	87
59) Diethylphthalate	10.43	149	1141689	39.163	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	552107	39.061	ng		89
61) 4-Nitroaniline	10.58	138	310260	44.783	ng		98
62) Azobenzene	10.71	77	1162754	38.251	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	181256	43.542	ng		91
65) n-Nitrosodiphenylamine	10.67	169	1068428	40.560	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	369126	41.407	ng	#	89
67) Hexachlorobenzene	11.11	284	384413	41.827	ng	#	88
68) Atrazine	11.20	200	331703	40.861	ng		95
69) Pentachlorophenol	11.30	266	263690	46.602	ng		99
70) Phenanthrene	11.53	178	1495426	38.959	ng		94
71) Anthracene	11.58	178	1508519	39.228	ng		94
72) Carbazole	11.73	167	1418970	39.969	ng		96
73) Di-n-butylphthalate	12.05	149	1560133	39.485	ng	#	95
74) Fluoranthene	12.72	202	1623028	39.648	ng		96
76) Benzidine	12.84	184	892250	38.918	ng		95
77) Pyrene	12.95	202	1664868	38.604	ng		93
79) Butylbenzylphthalate	13.56	149	722042	44.727	ng		96
80) Benzo(a)anthracene	14.15	228	1616371	39.430	ng		93
81) 3,3'-Dichlorobenzidine	14.11	252	591021	42.731	ng	#	95
82) Chrysene	14.18	228	1470498	39.289	ng		94
83) Bis(2-ethylhexyl)phthalate	14.12	149	971317	41.963	ng		99
84) Di-n-octyl phthalate	14.76	149	1493127	44.745	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	1269615	42.504	ng		94
87) Benzo(b)fluoranthene	15.24	252	1359514	40.089	ng		96
88) Benzo(k)fluoranthene	15.28	252	1424864	42.424	ng	#	95
89) Benzo(a)pyrene	15.63	252	1273223	41.741	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	1076257	42.322	ng		96
91) Benzo(g,h,i)perylene	17.74	276	1020319	41.285	ng	#	91

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

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