Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111372.D
Acq On : 13 Dec 2018 16:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/14/2018 12:53:17 PM

Quant Time: Dec 13 21:25:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	299628	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1257356	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	578675	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	964946	20.00	ng		0.00
76) Chrysene-d12	13.96	240	576698	20.00	ng		0.00
87) Perylene-d12	15.40	264	496296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1470905	83.01	ng		0.00
7) Phenol-d6	6.44	99	1914230	80.13	ng		0.00
23) Nitrobenzene-d5	7.36	82	1830980	82.08	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	402113	78.83	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3029954	84.06	ng		0.00
79) Terphenyl-d14	12.90	244	2274159	86.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	341399	38.574	ng		98
3) Pyridine	3.25	79	916621	42.159	ng		95
4) n-Nitrosodimethylamine	3.19	42	424966	41.899	ng		90
6) Aniline	6.46	93	1227657	42.478	ng	#	88
8) 2-Chlorophenol	6.59	128	867799	39.847	ng		95
9) Benzaldehyde	6.34	77	523932	37.873	ng		99
10) Phenol	6.45	94	1059981	39.169	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	849062	39.881	ng		99
12) 1,3-Dichlorobenzene	6.74	146	933427	39.591	ng		99
13) 1,4-Dichlorobenzene	6.82	146	946491	39.657	ng		98
14) 1,2-Dichlorobenzene	6.97	146	884833	40.075	ng		99
15) Benzyl Alcohol	6.94	79	746943	40.832	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1686111	40.880	ng		99
17) 2-Methylphenol	7.06	107	703865	39.997	ng		95
18) Hexachloroethane	7.31	117	358152	40.420	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	634888	39.994	ng		98
20) 3+4-Methylphenols	7.21	107	823567	39.243	ng		99
22) Acetophenone	7.21	105	1149468	39.356	ng	#	98
24) Nitrobenzene	7.38	77	913126	39.739	ng		97
25) Isophorone	7.62	82	1501881	39.635	ng		99
26) 2-Nitrophenol	7.69	139	481759	42.654	ng		98
27) 2,4-Dimethylphenol	7.73	122	691069	40.307	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	1029183	39.570	ng		99
29) 2,4-Dichlorophenol	7.94	162	725973	40.591	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	740532	40.297	ng		99
31) Naphthalene	8.10	128	2322886	39.652	ng		97
32) Benzoic acid	7.87	122	645358m	45.280	ng		
33) 4-Chloroaniline	8.15	127	1044368	41.744	ng		100
34) Hexachlorobutadiene	8.22	225	408919	40.111	ng		98
35) Caprolactam	8.53	113	252285	40.256	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	757833	39.763	ng		100
37) 2-Methylnaphthalene	8.79	142	1501607	39.653	ng		100
38) 1-Methylnaphthalene	8.89	142	1432134	39.184	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	650278	39.978	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	353828	41.658	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	477044	40.975	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	483675	39.310	ng		93
46) 1,1'-Biphenyl	9.26	154	1959930	39.696	ng		96
47) 2-Chloronaphthalene	9.28	162	1510350	39.943	ng		97
48) 2-Nitroaniline	9.37	65	500363	40.722	ng		96
49) Acenaphthylene	9.70	152	2185522	39.562	ng		96
50) Dimethylphthalate	9.56	163	1630677	39.187	ng		98
51) 2,6-Dinitrotoluene	9.62	165	376538	40.821	ng	#	86
52) Acenaphthene	9.87	154	1377828	39.543	ng		98
53) 3-Nitroaniline	9.79	138	446326	40.256	ng		95
54) 2,4-Dinitrophenol	9.89	184	155524	42.976	ng		97
55) Dibenzofuran	10.04	168	1993838	39.638	ng		98
56) 4-Nitrophenol	9.95	139	339808	42.559	ng		92
57) 2,4-Dinitrotoluene	10.02	165	485483	41.067	ng		98
58) Fluorene	10.38	166	1393262	38.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	368364	38.754	ng		99
60) Diethylphthalate	10.26	149	1623001	38.741	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	682373	38.252	ng		99
62) 4-Nitroaniline	10.40	138	437651	41.068	ng		95
63) Azobenzene	10.53	77	1624315	38.454	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	230050	41.527	ng		99
66) n-Nitrosodiphenylamine	10.49	169	1367283	39.834	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	424856	39.550	ng		96
68) Hexachlorobenzene	10.93	284	430797	38.946	ng		97
69) Atrazine	11.02	200	387291	39.011	ng		98
70) Pentachlorophenol	11.12	266	315641	42.880	ng		98
71) Phenanthrene	11.34	178	1959585	39.289	ng		95
72) Anthracene	11.39	178	1980018	38.988	ng		97
73) Carbazole	11.55	167	2035848	38.770	ng		97
74) Di-n-butylphthalate	11.88	149	2323535	38.862	ng		97
75) Fluoranthene	12.53	202	1859895	38.199	ng		99
77) Benzidine	12.65	184	861963	79.201	ng		99
78) Pyrene	12.76	202	1894067	42.556	ng		96
80) Butylbenzylphthalate	13.37	149	876441	41.013	ng		95
81) Benzo(a)anthracene	13.94	228	1270114	39.363	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	514563	42.166	ng		97
83) Chrysene	13.98	228	1326458	40.293	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1042083	39.889	ng		98
85) Di-n-octyl phthalate	14.56	149	1683466	39.245	ng		99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1127747	43.799	ng		97
88) Benzo(b)fluoranthene	14.98	252	1144855	40.567	ng		98
89) Benzo(k)fluoranthene	15.02	252	1075966	38.196	ng		98
90) Benzo(a)pyrene	15.34	252	1048411	39.899	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	947458	43.338	ng		97
92) Benzo(g,h,i)perylene	17.24	276	949692	43.450	ng		94

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

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