Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107961.D
Acq On : 4 Aug 2018 2:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/6/2018 5:06:05 PM

Quant Time: Aug 06 05:35:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	198470	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	895271	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	364599	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	655217	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	604328	20.00	ng		0.00
86) Perylene-d12	15.68	264	607727	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	861631	73.78	ng		0.00
7) Phenol-d6	6.61	99	1183173	76.88	ng		0.00
23) Nitrobenzene-d5	7.53	82	1224541	78.80	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	340361	68.70	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	2119198	81.00	ng		0.00
78) Terphenyl-d14	13.07	244	1836839	65.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	176129	34.060	ng	#	83
3) Pyridine	3.58	79	467956m	35.943	ng		
4) n-Nitrosodimethylamine	3.57	42	149526m	25.165	ng		
6) Aniline	6.64	93	634479	39.635	ng	#	68
8) 2-Chlorophenol	6.75	128	565448	38.548	ng		94
9) Benzaldehyde	6.52	77	289189m	31.143	ng		
10) Phenol	6.62	94	747586	40.732	ng	#	68
11) bis(2-Chloroethyl)ether	6.69	93	728684	44.649	ng		98
12) 1,3-Dichlorobenzene	6.90	146	583569	37.931	ng		98
13) 1,4-Dichlorobenzene	6.97	146	677529	39.561	ng		99
14) 1,2-Dichlorobenzene	7.12	146	589837	37.102	ng		99
15) Benzyl Alcohol	7.11	79	385545	40.303	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	900991	38.398	ng		56
17) 2-Methylphenol	7.22	107	444615	41.059	ng	#	75
18) Hexachloroethane	7.45	117	206503	33.546	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	408837	41.875	ng		100
20) 3+4-Methylphenols	7.38	107	529057	39.794	ng	#	66
22) Acetophenone	7.37	105	820248	38.082	ng	#	90
24) Nitrobenzene	7.55	77	629819	38.651	ng		99
25) Isophorone	7.78	82	974122	38.187	ng		99
26) 2-Nitrophenol	7.86	139	311125m	38.045	ng		
27) 2,4-Dimethylphenol	7.90	122	428912	39.174	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	688891	40.979	ng		99
29) 2,4-Dichlorophenol	8.11	162	494773	39.951	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	543877	38.495	ng		99
31) Naphthalene	8.26	128	1598702	38.416	ng		99
32) Benzoic acid	8.05	122	282117m	38.387	ng		
33) 4-Chloroaniline	8.32	127	683860	38.471	ng		98
34) Hexachlorobutadiene	8.36	225	312888	35.837	ng		99
35) Caprolactam	8.71	113	135481	36.339	ng	#	85
36) 4-Chloro-3-methylphenol	8.81	107	496786	36.935	ng		100
37) 2-Methylnaphthalene	8.95	142	1002033	38.332	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	529389	42.586	ng	#	97
40) Hexachlorocyclopentadiene	9.09	237	44128	14.897	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	299621	43.599	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	316503	38.256	ng		97
45) 1,1'-Biphenyl	9.41	154	1365225	41.145	ng		98
46) 2-Chloronaphthalene	9.44	162	1025404	40.981	ng		99
47) 2-Nitroaniline	9.55	65	332661	40.873	ng		92
48) Acenaphthylene	9.86	152	1446636	37.293	ng		100
49) Dimethylphthalate	9.71	163	1086661	39.686	ng		99
50) 2,6-Dinitrotoluene	9.79	165	237590	39.927	ng		92
51) Acenaphthene	10.03	154	854949	37.941	ng		100
52) 3-Nitroaniline	9.98	138	279405	37.262	ng		97
53) 2,4-Dinitrophenol	10.15	184	18875m	13.824	ng		
54) Dibenzofuran	10.20	168	1287581	36.969	ng		96
55) 4-Nitrophenol	10.18	139	55064m	23.099	ng		
56) 2,4-Dinitrotoluene	10.20	165	275817	35.266	ng	#	81
57) Fluorene	10.55	166	955670	35.307	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.32	232	248295	32.675	ng		96
59) Diethylphthalate	10.41	149	1074180	36.487	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	531160	36.023	ng		95
61) 4-Nitroaniline	10.60	138	248550	37.351	ng		93
62) Azobenzene	10.70	77	982454	35.832	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	56065	15.728	ng		88
65) n-Nitrosodiphenylamine	10.66	169	895147	41.491	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	323482	42.358	ng	#	88
67) Hexachlorobenzene	11.10	284	326529	38.558	ng	#	84
68) Atrazine	11.18	200	233990	36.645	ng		95
69) Pentachlorophenol	11.30	266	173772	41.683	ng		97
70) Phenanthrene	11.52	178	1168972	37.573	ng		99
71) Anthracene	11.57	178	1400095	39.016	ng		100
72) Carbazole	11.74	167	1394917	39.335	ng		99
73) Di-n-butylphthalate	12.03	149	1475440	38.137	ng		100
74) Fluoranthene	12.71	202	1414950	38.713	ng		97
76) Benzidine	12.85	184	550123m	28.154	ng		
77) Pyrene	12.94	202	1438966	33.067	ng		99
79) Butylbenzylphthalate	13.54	149	661553	34.715	ng		95
80) Benzo(a)anthracene	14.14	228	1304994	38.121	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	524693	39.539	ng	#	96
82) Chrysene	14.18	228	1409398	38.171	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	843155	35.195	ng		100
84) Di-n-octyl phthalate	14.71	149	1576815	41.006	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1027815	36.596	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1089863	36.361	ng		98
88) Benzo(k)fluoranthene	15.25	252	1456881	39.590	ng		97
89) Benzo(a)pyrene	15.61	252	1122509	36.277	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	880256	32.613	ng		96
91) Benzo(g,h,i)perylene	17.74	276	826711m	31.655	ng		

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

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