Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103595.D
Acq On : 12 Mar 2018 21:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/13/2018 4:16:01 PM

Quant Time: Mar 13 09:27:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140643	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	607065	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	276755	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	479957	20.00	ng		0.00
75) Chrysene-d12	14.06	240	340623	20.00	ng		0.00
86) Perylene-d12	15.57	264	328998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	747388	80.37	ng		0.00
7) Phenol-d6	6.50	99	887562	78.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	823566	77.48	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	157095	67.06	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1190797	71.30	ng		0.00
78) Terphenyl-d14	12.98	244	1008722	71.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	173893	35.41	ng		95
3) Pyridine	3.40	79	459666m	35.06	ng		
4) n-Nitrosodimethylamine	3.37	42	193667m	36.62	ng		
6) Aniline	6.53	93	589352	35.89	ng	#	74
8) 2-Chlorophenol	6.65	128	382994	39.65	ng		93
9) Benzaldehyde	6.43	77	234787	32.05	ng		96
10) Phenol	6.52	94	554997	42.01	ng		73
11) bis(2-Chloroethyl)ether	6.59	93	463072m	46.19	ng		
12) 1,3-Dichlorobenzene	6.80	146	425635	38.56	ng		98
13) 1,4-Dichlorobenzene	6.87	146	461000	41.65	ng		100
14) 1,2-Dichlorobenzene	7.03	146	398137	39.01	ng		99
15) Benzyl Alcohol	7.02	79	314085	36.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	630400	36.62	ng		51
17) 2-Methylphenol	7.12	107	335580	38.23	ng	#	79
18) Hexachloroethane	7.36	117	153170	38.01	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	306537	43.29	ng		92
20) 3+4-Methylphenols	7.28	107	449103	41.97	ng	#	50
22) Acetophenone	7.27	105	588502	41.53	ng	#	91
24) Nitrobenzene	7.45	77	480873	41.09	ng		96
25) Isophorone	7.68	82	807807	38.58	ng		96
26) 2-Nitrophenol	7.77	139	216028	39.21	ng		96
27) 2,4-Dimethylphenol	7.80	122	310633	36.88	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	476404	38.70	ng		99
29) 2,4-Dichlorophenol	8.02	162	320334	39.73	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	317538	36.98	ng		98
31) Naphthalene	8.16	128	1101966	37.08	ng		99
32) Benzoic acid	7.96	122	200785	34.42	ng		97
33) 4-Chloroaniline	8.23	127	502317	39.17	ng		97
34) Hexachlorobutadiene	8.26	225	156084	34.91	ng		99
35) Caprolactam	8.60	113	104123	36.74	ng	#	85
36) 4-Chloro-3-methylphenol	8.71	107	363123	39.93	ng		95
37) 2-Methylnaphthalene	8.86	142	711761	37.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	282954	37.40	ng		98
40) Hexachlorocyclopentadiene	9.00	237	59874	28.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	175093	34.39	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	190373	32.51	ng		95
45) 1,1'-Biphenyl	9.32	154	865193	37.31	ng		98
46) 2-Chloronaphthalene	9.35	162	682873	37.22	ng		98
47) 2-Nitroaniline	9.46	65	278082	40.92	ng		90
48) Acenaphthylene	9.76	152	1016275	36.00	ng		99
49) Dimethylphthalate	9.62	163	761570	34.30	ng		99
50) 2,6-Dinitrotoluene	9.70	165	167753	36.01	ng	#	82
51) Acenaphthene	9.93	154	597631	36.31	ng		100
52) 3-Nitroaniline	9.88	138	223637	37.83	ng		99
53) 2,4-Dinitrophenol	10.02	184	39842	30.45	ng	#	21
54) Dibenzofuran	10.11	168	833748	36.90	ng		96
55) 4-Nitrophenol	10.07	139	93296m	25.47	ng		
56) 2,4-Dinitrotoluene	10.11	165	212108	36.00	ng	#	61
57) Fluorene	10.45	166	681549	35.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	140514m	35.72	ng		
59) Diethylphthalate	10.32	149	776480	36.57	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	302074	37.01	ng		99
61) 4-Nitroaniline	10.50	138	220117	37.28	ng		98
62) Azobenzene	10.60	77	840908	38.91	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	92416	33.33	ng	#	79
65) n-Nitrosodiphenylamine	10.56	169	600679	35.94	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	173783	34.76	ng		93
67) Hexachlorobenzene	11.00	284	190674	35.14	ng		99
68) Atrazine	11.09	200	166185	33.09	ng		97
69) Pentachlorophenol	11.21	266	80549m	30.70	ng		
70) Phenanthrene	11.42	178	946351	35.83	ng		99
71) Anthracene	11.47	178	997486	36.83	ng		99
72) Carbazole	11.64	167	1048577	38.88	ng		99
73) Di-n-butylphthalate	11.94	149	1238801	36.70	ng		99
74) Fluoranthene	12.62	202	992849	37.41	ng		98
76) Benzidine	12.75	184	487767	38.30	ng		99
77) Pyrene	12.85	202	1008080	37.96	ng		100
79) Butylbenzylphthalate	13.45	149	551932	39.34	ng		93
80) Benzo(a)anthracene	14.05	228	827686	37.45	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	289325	36.68	ng		97
82) Chrysene	14.09	228	818279	38.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	668483	35.30	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1174738	38.40	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	660607	38.88	ng		98
87) Benzo(b)fluoranthene	15.12	252	764319	35.33	ng		97
88) Benzo(k)fluoranthene	15.15	252	716482	35.17	ng		99
89) Benzo(a)pyrene	15.50	252	676594	35.03	ng	#	95
90) Dibenzo(a,h)anthracene	17.12	278	553671	37.09	ng		98
91) Benzo(g,h,i)perylene	17.59	276	564323	38.68	ng		99

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

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