Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097620.D
Acq On : 12 Aug 2017 4:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/14/2017 6:55:12 PM

Quant Time: Aug 14 11:07:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86197	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	319006	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	136517	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	222091	20.00	ng		0.00
75) Chrysene-d12	18.46	240	165945	20.00	ng		0.00
86) Perylene-d12	20.13	264	160019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	453709	83.67	ng		0.02
7) Phenol-d6	7.08	99	525244	78.08	ng		0.02
23) Nitrobenzene-d5	8.43	82	494345	97.17	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	81542	78.57	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	772085	85.35	ng		0.00
78) Terphenyl-d14	17.12	244	599976	74.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	96353	40.943	ng	#	78
3) Pyridine	2.37	79	275739	40.172	ng	#	61
4) n-Nitrosodimethylamine	2.34	42	156981	39.417	ng	#	78
6) Aniline	7.01	93	376213	38.912	ng		98
8) 2-Chlorophenol	7.20	128	241574	38.860	ng		93
9) Benzaldehyde	6.82	77	185627	41.847	ng		98
10) Phenol	7.10	94	306039	41.550	ng		96
11) bis(2-Chloroethyl)ether	7.15	93	242916	41.117	ng		89
12) 1,3-Dichlorobenzene	7.41	146	266249	38.243	ng		98
13) 1,4-Dichlorobenzene	7.54	146	297088	41.924	ng		95
14) 1,2-Dichlorobenzene	7.77	146	280088	43.311	ng		96
15) Benzyl Alcohol	7.81	79	207998	44.745	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.02	45	571327	43.073	ng		92
17) 2-Methylphenol	8.05	107	204711	42.488	ng		97
18) Hexachloroethane	8.29	117	101679	41.939	ng	#	78
19) n-Nitroso-di-n-propylamine	8.24	70	199249	42.582	ng	#	82
20) 3+4-Methylphenols	8.30	107	260077	44.077	ng	#	60
22) Acetophenone	8.20	105	359623	47.719	ng	#	98
24) Nitrobenzene	8.46	77	276170	49.813	ng		97
25) Isophorone	8.86	82	429229	45.801	ng		96
26) 2-Nitrophenol	8.96	139	136384	48.635	ng	#	84
27) 2,4-Dimethylphenol	9.12	122	210921	45.104	ng		97
28) bis(2-Chloroethoxy)methane	9.23	93	316292	46.709	ng		98
29) 2,4-Dichlorophenol	9.39	162	176709	42.855	ng		96
30) 1,2,4-Trichlorobenzene	9.47	180	189371	46.322	ng		97
31) Naphthalene	9.57	128	698192	43.696	ng		99
32) Benzoic acid	9.43	122	81454m	32.324	ng		
33) 4-Chloroaniline	9.72	127	326077	49.261	ng		97
34) Hexachlorobutadiene	9.79	225	109022	48.819	ng		98
35) Caprolactam	10.36	113	65553	49.341	ng	#	53
36) 4-Chloro-3-methylphenol	10.59	107	220690	47.635	ng	#	85
37) 2-Methylnaphthalene	10.70	142	478845	47.628	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	175657	45.440	ng		99
40) Hexachlorocyclopentadiene	10.96	237	2148	14.162	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	117509	46.138	ng		99
43) 2,4,5-Trichlorophenol	11.30	196	106219	44.156	ng		97
45) 1,1'-Biphenyl	11.47	154	515797	44.038	ng		98
46) 2-Chloronaphthalene	11.49	162	388141	43.161	ng	#	92
47) 2-Nitroaniline	11.70	65	146231	41.510	ng		94
48) Acenaphthylene	12.14	152	587411	41.088	ng		98
49) Dimethylphthalate	12.02	163	438489	41.677	ng		98
50) 2,6-Dinitrotoluene	12.12	165	92339	42.501	ng	#	71
51) Acenaphthene	12.42	154	343682	40.114	ng		99
52) 3-Nitroaniline	12.38	138	117674	41.366	ng		98
53) 2,4-Dinitrophenol	12.64	184	6458	7.210	ng	#	76
54) Dibenzofuran	12.71	168	488659	40.741	ng		98
55) 4-Nitrophenol	12.83	139	14864m	13.720	ng		
56) 2,4-Dinitrotoluene	12.79	165	122213	42.145	ng	#	79
57) Fluorene	13.26	166	409441	41.509	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	56618	34.271	ng	#	93
59) Diethylphthalate	13.17	149	427882	43.059	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	178083	42.289	ng		94
61) 4-Nitroaniline	13.38	138	104502	38.510	ng		93
62) Azobenzene	13.55	77	391646	39.615	ng		91
64) 4,6-Dinitro-2-methylphenol	13.46	198	37114	27.395	ng		92
65) n-Nitrosodiphenylamine	13.50	169	347926	42.392	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	101412	44.013	ng		95
67) Hexachlorobenzene	14.16	284	106037	42.248	ng	#	87
68) Atrazine	14.43	200	90294	43.848	ng		93
69) Pentachlorophenol	14.55	266	784	9.599	ng		91
70) Phenanthrene	14.80	178	516171	40.353	ng		99
71) Anthracene	14.89	178	529556	40.462	ng		98
72) Carbazole	15.19	167	494480	39.688	ng		98
73) Di-n-butylphthalate	15.76	149	648449	44.465	ng		99
74) Fluoranthene	16.57	202	489789	42.374	ng		100
76) Benzidine	16.79	184	188215	34.415	ng		95
77) Pyrene	16.87	202	502817	36.641	ng		99
79) Butylbenzylphthalate	17.79	149	247716	43.179	ng	#	77
80) Benzo(a)anthracene	18.45	228	391336	40.377	ng		99
81) 3,3'-Dichlorobenzidine	18.44	252	144674	43.281	ng	#	96
82) Chrysene	18.50	228	388853	40.337	ng		99
83) Bis(2-ethylhexyl)phthalate	18.54	149	356444	43.684	ng		100
84) Di-n-octyl phthalate	19.30	149	585461	41.085	ng	#	91
85) Indeno(1,2,3-cd)pyrene	21.36	276	344757	45.982	ng		98
87) Benzo(b)fluoranthene	19.73	252	364729	37.958	ng		99
88) Benzo(k)fluoranthene	19.76	252	385168	39.800	ng		95
89) Benzo(a)pyrene	20.08	252	360844	40.914	ng		100
90) Dibenzo(a,h)anthracene	21.36	278	300469	47.582	ng		98
91) Benzo(g,h,i)perylene	21.70	276	298219	43.050	ng		99

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

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