Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085615.D
Acq On : 20 Mar 2016 13:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/21/2016 5:08:52 PM

Quant Time: Mar 21 05:55:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	165265	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	638107	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	297844	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	500581	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	310677	20.00	ng		0.00
86) Perylene-d12	15.44	264	292999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	804172	81.73	ng		0.00
7) Phenol-d6	6.49	99	930369	73.73	ng		0.00
23) Nitrobenzene-d5	7.43	82	896083	81.51	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	210895	72.28	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1545869	89.81	ng		0.00
78) Terphenyl-d14	12.96	244	1079706	83.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	188434	39.40	ng		100
3) Pyridine	3.18	79	481061	40.96	ng		100
4) n-Nitrosodimethylamine	3.13	42	199779	40.75	ng		99
6) Aniline	6.52	93	660215	38.95	ng	#	91
8) 2-Chlorophenol	6.64	128	445779	39.16	ng		97
9) Benzaldehyde	6.40	77	244150	41.60	ng		99
10) Phenol	6.50	94	488986	34.02	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	421939	38.94	ng		99
12) 1,3-Dichlorobenzene	6.80	146	494489	39.87	ng		99
13) 1,4-Dichlorobenzene	6.87	146	464480	36.71	ng		99
14) 1,2-Dichlorobenzene	7.03	146	462341	41.16	ng		99
15) Benzyl Alcohol	7.01	79	341181	39.47	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	570611	40.04	ng		96
17) 2-Methylphenol	7.12	107	385926	40.90	ng		99
18) Hexachloroethane	7.37	117	165921	36.32	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	301588	40.01	ng		96
20) 3+4-Methylphenols	7.27	107	372712	34.11	ng		95
22) Acetophenone	7.27	105	563654	37.22	ng		99
24) Nitrobenzene	7.44	77	440011	36.57	ng		99
25) Isophorone	7.68	82	883237	40.13	ng		99
26) 2-Nitrophenol	7.76	139	227807	38.31	ng		99
27) 2,4-Dimethylphenol	7.81	122	400782	38.11	ng		92
28) bis(2-Chloroethoxy)methane	7.90	93	540256	43.15	ng		100
29) 2,4-Dichlorophenol	8.00	162	323802	37.28	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	377700	38.83	ng		99
31) Naphthalene	8.16	128	1173148	36.42	ng		100
32) Benzoic acid	7.93	122	232920	26.49	ng		99
33) 4-Chloroaniline	8.22	127	556638	42.16	ng		99
34) Hexachlorobutadiene	8.29	225	214442	41.36	ng		99
35) Caprolactam	8.61	113	129943	43.49	ng	#	79
36) 4-Chloro-3-methylphenol	8.70	107	367978	36.28	ng		96
37) 2-Methylnaphthalene	8.86	142	806754	41.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	333702	36.94	ng		99
40) Hexachlorocyclopentadiene	9.01	237	68722	16.88	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	229312	37.08	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	244896	38.91	ng		96
45) 1,1'-Biphenyl	9.32	154	952432	37.07	ng		99
46) 2-Chloronaphthalene	9.35	162	762010	40.60	ng		100
47) 2-Nitroaniline	9.44	65	234177	41.25	ng		98
48) Acenaphthylene	9.76	152	1225665	40.35	ng		100
49) Dimethylphthalate	9.62	163	867305	38.59	ng		99
50) 2,6-Dinitrotoluene	9.68	165	186436	39.29	ng		93
51) Acenaphthene	9.93	154	690572	36.23	ng		98
52) 3-Nitroaniline	9.85	138	207953	34.99	ng		98
53) 2,4-Dinitrophenol	9.97	184	24416	8.40	ng	#	68
54) Dibenzofuran	10.10	168	951704	41.00	ng		99
55) 4-Nitrophenol	10.01	139	130999	28.52	ng		90
56) 2,4-Dinitrotoluene	10.09	165	262325	42.23	ng		90
57) Fluorene	10.45	166	766968	39.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	147601	32.57	ng		99
59) Diethylphthalate	10.32	149	912999	40.86	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	352781	37.35	ng		96
61) 4-Nitroaniline	10.47	138	237656	40.57	ng		96
62) Azobenzene	10.60	77	827203	38.58	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	43386	13.54	ng	#	49
65) n-Nitrosodiphenylamine	10.56	169	692276	44.40	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	234537	46.90	ng		98
67) Hexachlorobenzene	11.00	284	241457	45.45	ng		100
68) Atrazine	11.09	200	208936	44.01	ng		99
69) Pentachlorophenol	11.19	266	106395	32.99	ng		99
70) Phenanthrene	11.41	178	1099819	41.67	ng		100
71) Anthracene	11.45	178	976727	35.29	ng		100
72) Carbazole	11.61	167	961231	40.26	ng		99
73) Di-n-butylphthalate	11.95	149	1375613	46.01	ng		100
74) Fluoranthene	12.59	202	917485	33.20	ng		99
76) Benzidine	12.71	184	445910	42.68	ng		100
77) Pyrene	12.81	202	886102	39.72	ng		99
79) Butylbenzylphthalate	13.43	149	454333	42.73	ng	#	71
80) Benzo(a)anthracene	14.00	228	695865	38.58	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	278287	42.10	ng		98
82) Chrysene	14.04	228	669311	38.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	600121	45.43	ng		99
84) Di-n-octyl phthalate	14.61	149	1021607	47.46	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	643048	44.35	ng		99
87) Benzo(b)fluoranthene	15.03	252	665581	34.81	ng		99
88) Benzo(k)fluoranthene	15.07	252	714961m	45.39	ng		
89) Benzo(a)pyrene	15.39	252	648413	40.01	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	557367	41.23	ng		100
91) Benzo(g,h,i)perylene	17.27	276	503625	38.49	ng		95

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

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