Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085571.D
Acq On : 19 Mar 2016 14:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
3/21/2016 5:08:25 PM

Quant Time: Mar 21 02:02:33 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	145643	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	584289	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271074	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	490647	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	368515	20.00	ng	0.00
86) Perylene-d12	15.43	264	271028	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	747943	86.26	ng	0.00
7) Phenol-d6	6.49	99	932041	83.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	812760	80.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	224375	84.50	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1344901	84.51	ng	-0.01
78) Terphenyl-d14	12.96	244	1251525	81.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	176720	41.93	ng	100
3) Pyridine	3.19	79	470292	45.44	ng	99
4) n-Nitrosodimethylamine	3.14	42	173193	40.08	ng	97
6) Aniline	6.52	93	602238	40.32	ng	99
8) 2-Chlorophenol	6.64	128	432131	43.08	ng	96
9) Benzaldehyde	6.40	77	213632	41.20	ng	97
10) Phenol	6.50	94	554645	43.79	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	422704	44.27	ng	97
12) 1,3-Dichlorobenzene	6.79	146	441927m	40.43	ng	
13) 1,4-Dichlorobenzene	6.87	146	444474	39.86	ng	98
14) 1,2-Dichlorobenzene	7.03	146	422464	42.67	ng	97
15) Benzyl Alcohol	7.00	79	289860	38.05	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	510432	40.65	ng	98
17) 2-Methylphenol	7.11	107	323813	38.94	ng	99
18) Hexachloroethane	7.37	117	164417	40.84	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	267096	40.21	ng	96
20) 3+4-Methylphenols	7.27	107	374399	38.88	ng	95
22) Acetophenone	7.27	105	509979	36.78	ng	97
24) Nitrobenzene	7.44	77	432303	39.23	ng	97
25) Isophorone	7.68	82	781953	38.80	ng	98
26) 2-Nitrophenol	7.76	139	235542	43.25	ng	91
27) 2,4-Dimethylphenol	7.80	122	361540	37.54	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	457952	39.95	ng	99
29) 2,4-Dichlorophenol	8.00	162	333944	41.99	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	345101	38.74	ng	98
31) Naphthalene	8.16	128	1069798	36.27	ng	100
32) Benzoic acid	7.93	122	296088	36.77	ng	99
33) 4-Chloroaniline	8.22	127	470649	38.93	ng	96
34) Hexachlorobutadiene	8.29	225	182524	38.45	ng	99
35) Caprolactam	8.60	113	110136	40.25	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	379566	40.87	ng	92
37) 2-Methylnaphthalene	8.85	142	712950	39.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	313026	38.07	ng	98
40) Hexachlorocyclopentadiene	9.01	237	157277	42.44	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	234688	41.69	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	217620	37.99	ng	#	85
45) 1,1'-Biphenyl	9.32	154	833663	35.65	ng		98
46) 2-Chloronaphthalene	9.34	162	652572	38.20	ng		92
47) 2-Nitroaniline	9.44	65	219952	42.57	ng	#	82
48) Acenaphthylene	9.76	152	1135033	41.06	ng		98
49) Dimethylphthalate	9.62	163	842277	41.18	ng		99
50) 2,6-Dinitrotoluene	9.68	165	169126	39.16	ng		92
51) Acenaphthene	9.93	154	716540	41.31	ng		98
52) 3-Nitroaniline	9.85	138	230521	42.62	ng		90
53) 2,4-Dinitrophenol	9.96	184	93778	35.45	ng	#	86
54) Dibenzofuran	10.10	168	877875	41.56	ng		94
55) 4-Nitrophenol	10.01	139	167579	40.09	ng	#	83
56) 2,4-Dinitrotoluene	10.08	165	210560	37.24	ng	#	58
57) Fluorene	10.45	166	685634	38.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	170423	41.32	ng		97
59) Diethylphthalate	10.32	149	830840	40.85	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	350967	40.82	ng		91
61) 4-Nitroaniline	10.47	138	211273	39.63	ng		91
62) Azobenzene	10.60	77	802168	41.10	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	123129	39.22	ng		82
65) n-Nitrosodiphenylamine	10.55	169	586154	38.35	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	214867	43.84	ng	#	87
67) Hexachlorobenzene	10.98	284	211314	40.58	ng	#	69
68) Atrazine	11.08	200	177491	38.14	ng		96
69) Pentachlorophenol	11.18	266	120571	38.14	ng		99
70) Phenanthrene	11.40	178	1029141	39.78	ng		99
71) Anthracene	11.45	178	1041052	38.38	ng		100
72) Carbazole	11.60	167	925011	39.53	ng		99
73) Di-n-butylphthalate	11.95	149	1234819	42.14	ng		98
74) Fluoranthene	12.59	202	976205	36.04	ng		97
76) Benzidine	12.71	184	512848	41.38	ng		100
77) Pyrene	12.81	202	997190	37.69	ng		99
79) Butylbenzylphthalate	13.43	149	451196	35.77	ng	#	77
80) Benzo(a)anthracene	14.00	228	788140	36.84	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	301185	38.42	ng	#	97
82) Chrysene	14.04	228	740185	35.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	571818	36.49	ng	#	97
84) Di-n-octyl phthalate	14.60	149	937939	36.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	675129	39.25	ng		99
87) Benzo(b)fluoranthene	15.03	252	724207m	40.95	ng		
88) Benzo(k)fluoranthene	15.05	252	571720m	39.24	ng		
89) Benzo(a)pyrene	15.37	252	605239	40.37	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	566748	45.32	ng		99
91) Benzo(g,h,i)perylene	17.26	276	568145	46.94	ng		95

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

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