Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085998.D
Acq On : 2 Apr 2016 8:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/4/2016 7:44:32 PM

Quant Time: Apr 04 01:43:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108393	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	436744	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	210498	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	403175	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	339016	20.00	ng		0.00
86) Perylene-d12	15.33	264	301285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	509862	80.40	ng		0.00
7) Phenol-d6	6.42	99	662991	82.31	ng		0.00
23) Nitrobenzene-d5	7.34	82	575045	77.65	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	162808	82.40	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1056846	83.48	ng		0.00
78) Terphenyl-d14	12.88	244	1097702	76.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	119519	39.75	ng		99
3) Pyridine	3.01	79	292448	43.45	ng		99
4) n-Nitrosodimethylamine	2.96	42	119515	40.38	ng		99
6) Aniline	6.44	93	423816	40.10	ng		98
8) 2-Chlorophenol	6.56	128	297206	39.30	ng		95
9) Benzaldehyde	6.33	77	164844	38.03	ng		93
10) Phenol	6.43	94	390435	42.49	ng		82
11) bis(2-Chloroethyl)ether	6.51	93	264193	36.31	ng		97
12) 1,3-Dichlorobenzene	6.72	146	311379	38.85	ng		98
13) 1,4-Dichlorobenzene	6.78	146	314681	38.11	ng		98
14) 1,2-Dichlorobenzene	6.94	146	301323	39.65	ng		99
15) Benzyl Alcohol	6.92	79	201330	38.63	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	350920	39.48	ng		92
17) 2-Methylphenol	7.04	107	227197	38.10	ng		97
18) Hexachloroethane	7.28	117	117714	38.76	ng	#	77
19) n-Nitroso-di-n-propylamine	7.20	70	188802	37.82	ng		97
20) 3+4-Methylphenols	7.20	107	282599	38.97	ng		95
22) Acetophenone	7.20	105	405368	39.48	ng	#	94
24) Nitrobenzene	7.37	77	316484	39.06	ng	#	85
25) Isophorone	7.61	82	571671	39.10	ng	#	93
26) 2-Nitrophenol	7.68	139	153540	39.61	ng	#	79
27) 2,4-Dimethylphenol	7.72	122	258167	37.08	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	319609	37.26	ng		98
29) 2,4-Dichlorophenol	7.93	162	227860	38.71	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	255590	38.68	ng		93
31) Naphthalene	8.08	128	813446	37.03	ng		99
32) Benzoic acid	7.87	122	196677	38.50	ng		99
33) 4-Chloroaniline	8.13	127	337329	38.01	ng	#	91
34) Hexachlorobutadiene	8.20	225	138927	39.11	ng		100
35) Caprolactam	8.52	113	84307	45.15	ng	#	67
36) 4-Chloro-3-methylphenol	8.62	107	264848	40.03	ng		97
37) 2-Methylnaphthalene	8.77	142	538814	37.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	235418	37.21	ng		100
40) Hexachlorocyclopentadiene	8.92	237	71364	40.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	158834	39.10	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	159548	38.68	ng		98
45) 1,1'-Biphenyl	9.24	154	683028	37.63	ng		93
46) 2-Chloronaphthalene	9.26	162	519600	39.49	ng		99
47) 2-Nitroaniline	9.37	65	152910	39.72	ng	#	69
48) Acenaphthylene	9.68	152	859318	40.77	ng		99
49) Dimethylphthalate	9.54	163	588298	37.71	ng		100
50) 2,6-Dinitrotoluene	9.61	165	141288	42.80	ng	#	82
51) Acenaphthene	9.85	154	502692	40.10	ng		99
52) 3-Nitroaniline	9.78	138	167850	42.19	ng		89
53) 2,4-Dinitrophenol	9.89	184	62316	38.60	ng	#	72
54) Dibenzofuran	10.02	168	666293	40.25	ng		99
55) 4-Nitrophenol	9.95	139	90351	38.52	ng		91
56) 2,4-Dinitrotoluene	10.01	165	158893	38.09	ng	#	39
57) Fluorene	10.36	166	575193	40.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	121425	39.54	ng		96
59) Diethylphthalate	10.24	149	613563	38.96	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	267530	40.62	ng		95
61) 4-Nitroaniline	10.40	138	166288	42.44	ng		92
62) Azobenzene	10.51	77	616408	40.87	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	97612	39.95	ng		98
65) n-Nitrosodiphenylamine	10.48	169	510537	40.49	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	167769	40.76	ng		94
67) Hexachlorobenzene	10.91	284	177057	41.60	ng		98
68) Atrazine	11.00	200	156165	38.33	ng		98
69) Pentachlorophenol	11.10	266	80822	40.51	ng		99
70) Phenanthrene	11.32	178	870600	39.58	ng		99
71) Anthracene	11.37	178	817610	35.49	ng		100
72) Carbazole	11.53	167	744653	37.60	ng		100
73) Di-n-butylphthalate	11.86	149	1019656	41.55	ng		100
74) Fluoranthene	12.50	202	854948	37.37	ng		99
76) Benzidine	12.62	184	438339	36.65	ng		99
77) Pyrene	12.73	202	858825	35.95	ng		100
79) Butylbenzylphthalate	13.35	149	426975	39.69	ng	#	70
80) Benzo(a)anthracene	13.92	228	749895	37.53	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	576258	39.48	ng		98
82) Chrysene	13.96	228	786473	40.86	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	567630	39.76	ng		99
84) Di-n-octyl phthalate	14.52	149	998870	43.81	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	612905	39.24	ng		99
87) Benzo(b)fluoranthene	14.93	252	889111m	46.91	ng		
88) Benzo(k)fluoranthene	14.97	252	510344m	30.41	ng		
89) Benzo(a)pyrene	15.28	252	638668	38.03	ng		100
90) Dibenzo(a,h)anthracene	16.69	278	519160	38.43	ng		97
91) Benzo(g,h,i)perylene	17.09	276	486780	37.23	ng		98

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

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