Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085683.D
Acq On : 23 Mar 2016 3:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/23/2016 1:30:14 PM

Quant Time: Mar 23 04:02:36 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	6.84	152	124610	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	510603	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	258184	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	469465	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	355475	20.00	ng	-0.02
86) Perylene-d12	15.40	264	236312	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	609009	82.09	ng	-0.02
7) Phenol-d6	6.47	99	760424	79.92	ng	-0.02
23) Nitrobenzene-d5	7.41	82	753977	85.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	216772	85.71	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1308506	86.96	ng	-0.02
78) Terphenyl-d14	12.94	244	1273507	86.21	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	145949	40.47	ng	99
3) Pyridine	3.13	79	388018	43.82	ng	99
4) n-Nitrosodimethylamine	3.09	42	150018	40.58	ng	98
6) Aniline	6.49	93	526619	41.21	ng	99
8) 2-Chlorophenol	6.62	128	361350	42.10	ng	97
9) Benzaldehyde	6.38	77	220075	53.97	ng	98
10) Phenol	6.48	94	476457	43.96	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	347444	42.53	ng	99
12) 1,3-Dichlorobenzene	6.77	146	369823m	39.54	ng	
13) 1,4-Dichlorobenzene	6.85	146	366949	38.47	ng	99
14) 1,2-Dichlorobenzene	7.01	146	365103	43.11	ng	98
15) Benzyl Alcohol	6.98	79	292174	44.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	435142	40.50	ng	98
17) 2-Methylphenol	7.10	107	302888	42.58	ng	97
18) Hexachloroethane	7.35	117	138049	40.08	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	252813	44.48	ng	98
20) 3+4-Methylphenols	7.25	107	318526	38.66	ng	98
22) Acetophenone	7.25	105	448227	36.99	ng	99
24) Nitrobenzene	7.42	77	357426	37.12	ng	99
25) Isophorone	7.66	82	697538	39.61	ng	100
26) 2-Nitrophenol	7.74	139	205091	43.10	ng	98
27) 2,4-Dimethylphenol	7.77	122	328215	39.00	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	462845	46.20	ng	100
29) 2,4-Dichlorophenol	7.98	162	289709	41.69	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	296050	38.03	ng	98
31) Naphthalene	8.14	128	950936	36.90	ng	100
32) Benzoic acid	7.91	122	217365m	30.89	ng	
33) 4-Chloroaniline	8.20	127	472721	44.75	ng	100
34) Hexachlorobutadiene	8.26	225	163105	39.32	ng	99
35) Caprolactam	8.57	113	95481	39.93	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	308103	37.96	ng	97
37) 2-Methylnaphthalene	8.84	142	728744	46.39	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	270618	34.55	ng	99
40) Hexachlorocyclopentadiene	8.98	237	127736	36.19	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	198285	36.99	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	220624	40.44	ng		96
45) 1,1'-Biphenyl	9.29	154	783642	35.18	ng		99
46) 2-Chloronaphthalene	9.33	162	636005	39.09	ng		97
47) 2-Nitroaniline	9.42	65	200458	40.73	ng		97
48) Acenaphthylene	9.74	152	1059925	40.26	ng		99
49) Dimethylphthalate	9.60	163	721872	37.05	ng		100
50) 2,6-Dinitrotoluene	9.66	165	153347	37.28	ng		91
51) Acenaphthene	9.91	154	670341	40.57	ng		100
52) 3-Nitroaniline	9.83	138	183387	35.60	ng		97
53) 2,4-Dinitrophenol	9.94	184	77193	30.64	ng	#	64
54) Dibenzofuran	10.08	168	917501	45.60	ng		99
55) 4-Nitrophenol	9.99	139	126000	31.65	ng		84
56) 2,4-Dinitrotoluene	10.07	165	237398	44.08	ng		90
57) Fluorene	10.42	166	706816	42.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	162890	41.47	ng		97
59) Diethylphthalate	10.30	149	777103	40.12	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	324818	39.67	ng		93
61) 4-Nitroaniline	10.45	138	203245	40.03	ng		94
62) Azobenzene	10.57	77	817570	43.98	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	108508	36.12	ng	#	47
65) n-Nitrosodiphenylamine	10.54	169	613030	41.92	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	209614	44.70	ng	#	91
67) Hexachlorobenzene	10.97	284	219703	44.09	ng	#	89
68) Atrazine	11.06	200	142620	32.03	ng		93
69) Pentachlorophenol	11.17	266	108621	35.91	ng		98
70) Phenanthrene	11.38	178	1048121	42.34	ng		99
71) Anthracene	11.43	178	997277	38.42	ng		100
72) Carbazole	11.59	167	981742	43.84	ng		99
73) Di-n-butylphthalate	11.92	149	1174434	41.89	ng	#	98
74) Fluoranthene	12.56	202	953899	36.80	ng		97
76) Benzidine	12.69	184	310971	26.01	ng		98
77) Pyrene	12.79	202	977655	38.30	ng		99
79) Butylbenzylphthalate	13.41	149	444315	36.52	ng	#	78
80) Benzo(a)anthracene	13.98	228	779434	37.77	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	295854	39.12	ng	#	95
82) Chrysene	14.01	228	706151	35.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	561815	37.17	ng	#	97
84) Di-n-octyl phthalate	14.57	149	871100	35.37	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	544171	32.80	ng		98
87) Benzo(b)fluoranthene	15.00	252	570299m	36.99	ng		
88) Benzo(k)fluoranthene	15.03	252	611946m	48.17	ng		
89) Benzo(a)pyrene	15.35	252	546830	41.83	ng	#	95
90) Dibenzo(a,h)anthracene	16.80	278	458352	42.04	ng		98
91) Benzo(g,h,i)perylene	17.20	276	457116	43.32	ng		97

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

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