Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085706.D
Acq On : 24 Mar 2016 10:23
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:04 PM

Quant Time: Mar 24 12:03:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 11:35:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110771	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	426810	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	218641	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	406190	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	331160	20.00	ng		0.00
86) Perylene-d12	15.40	264	221218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	140209	21.26	ng		0.00
7) Phenol-d6	6.45	99	176273	20.84	ng		-0.01
23) Nitrobenzene-d5	7.38	82	163565	22.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	39122	18.27	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	297762	21.78	ng		0.00
78) Terphenyl-d14	12.93	244	326713	23.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	31335	9.77	ng		99
3) Pyridine	3.14	79	70527	8.96	ng		97
4) n-Nitrosodimethylamine	3.05	42	25582	7.78	ng		97
6) Aniline	6.48	93	118535	10.43	ng		98
8) 2-Chlorophenol	6.61	128	78224	10.25	ng		94
9) Benzaldehyde	6.37	77	55272	13.00	ng		99
10) Phenol	6.46	94	97638	10.13	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	73347	10.10	ng		89
12) 1,3-Dichlorobenzene	6.77	146	85307	10.26	ng		99
13) 1,4-Dichlorobenzene	6.84	146	86138	10.16	ng		98
14) 1,2-Dichlorobenzene	7.00	146	84290	11.19	ng		98
15) Benzyl Alcohol	6.96	79	59697	10.30	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	102292	10.71	ng		100
17) 2-Methylphenol	7.08	107	61928	9.79	ng		95
18) Hexachloroethane	7.34	117	31728	10.36	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	56189	11.12	ng		97
20) 3+4-Methylphenols	7.24	107	83638	11.42	ng	#	87
22) Acetophenone	7.24	105	119515	11.80	ng	#	94
24) Nitrobenzene	7.41	77	85855	10.67	ng		91
25) Isophorone	7.65	82	161594	10.98	ng		96
26) 2-Nitrophenol	7.73	139	41708	10.49	ng		96
27) 2,4-Dimethylphenol	7.76	122	71554	10.17	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	87607	10.46	ng		99
29) 2,4-Dichlorophenol	7.97	162	63315	10.90	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	66418	10.21	ng		98
31) Naphthalene	8.13	128	236263	10.97	ng		98
32) Benzoic acid	7.85	122	45473	7.73	ng		95
33) 4-Chloroaniline	8.18	127	99751	11.30	ng		97
34) Hexachlorobutadiene	8.25	225	37783	10.90	ng		98
35) Caprolactam	8.53	113	21208	10.61	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	75113	11.07	ng		98
37) 2-Methylnaphthalene	8.82	142	159795	12.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	61838	9.32	ng		100
40) Hexachlorocyclopentadiene	8.97	237	11339	3.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	41118	9.06	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	47098	10.19	ng	#	94
45) 1,1'-Biphenyl	9.28	154	192442	10.20	ng		99
46) 2-Chloronaphthalene	9.30	162	136294	9.89	ng	#	89
47) 2-Nitroaniline	9.41	65	43074	10.33	ng		99
48) Acenaphthylene	9.73	152	234664	10.52	ng		98
49) Dimethylphthalate	9.58	163	160540	9.73	ng	#	99
50) 2,6-Dinitrotoluene	9.65	165	38007	10.91	ng		87
51) Acenaphthene	9.90	154	140849	10.07	ng		100
52) 3-Nitroaniline	9.82	138	41769	9.57	ng		83
53) 2,4-Dinitrophenol	9.93	184	8503	3.98	ng	#	78
54) Dibenzofuran	10.07	168	191832	11.26	ng		96
55) 4-Nitrophenol	9.98	139	26218	7.78	ng		88
56) 2,4-Dinitrotoluene	10.05	165	45511	9.98	ng	#	43
57) Fluorene	10.41	166	156136	11.00	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	30748	9.24	ng		96
59) Diethylphthalate	10.29	149	166974	10.18	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	80796	11.65	ng		95
61) 4-Nitroaniline	10.42	138	40243	9.36	ng		94
62) Azobenzene	10.56	77	161983	10.29	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	20408	7.85	ng	#	77
65) n-Nitrosodiphenylamine	10.52	169	139184	11.00	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	44244	10.90	ng		94
67) Hexachlorobenzene	10.96	284	45480	10.55	ng		92
68) Atrazine	11.04	200	45198	11.73	ng		95
69) Pentachlorophenol	11.16	266	19028	7.27	ng		99
70) Phenanthrene	11.36	178	241173	11.26	ng		99
71) Anthracene	11.42	178	261500	11.64	ng		98
72) Carbazole	11.58	167	214360	11.06	ng		97
73) Di-n-butylphthalate	11.91	149	283476	11.68	ng		98
74) Fluoranthene	12.55	202	246983	11.01	ng		95
76) Benzidine	12.68	184	102606	9.21	ng		98
77) Pyrene	12.78	202	258679	10.88	ng		99
79) Butylbenzylphthalate	13.40	149	105640	9.32	ng	#	67
80) Benzo(a)anthracene	13.97	228	187003	9.73	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	127047	18.03	ng	#	96
82) Chrysene	14.00	228	196428	10.62	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	138720	9.85	ng		99
84) Di-n-octyl phthalate	14.57	149	191787	8.36	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	122262	7.91	ng		99
87) Benzo(b)fluoranthene	14.99	252	134895m	9.35	ng		
88) Benzo(k)fluoranthene	15.02	252	146786m	12.34	ng		
89) Benzo(a)pyrene	15.34	252	126312	10.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.78	278	102255	10.02	ng		97
91) Benzo(g,h,i)perylene	17.19	276	100764	10.20	ng		95

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

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