Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085175.D
Acq On : 4 Mar 2016 00:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

Quant Time: Mar 04 03:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	244051	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	932849	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	431921	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	814801	20.00	ng	0.00
75) Chrysene-d12	14.14	240	476005	20.00	ng	-0.01
86) Perylene-d12	15.61	264	387200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1024081	70.39	ng	0.00
7) Phenol-d6	6.61	99	1392980	73.08	ng	0.00
23) Nitrobenzene-d5	7.54	82	1421372	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	313555	84.84	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2210447	77.83	ng	0.00
78) Terphenyl-d14	13.09	244	1685129	82.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	274195	36.85	ng	100
3) Pyridine	3.44	79	767167	41.20	ng	99
4) n-Nitrosodimethylamine	3.40	42	301048	37.77	ng	96
6) Aniline	6.64	93	1036369	38.79	ng	100
8) 2-Chlorophenol	6.77	128	670795	38.30	ng	99
9) Benzaldehyde	6.53	77	337120	36.83	ng	99
10) Phenol	6.62	94	738838m	36.19	ng	
11) bis(2-Chloroethyl)ether	6.72	93	682653	40.26	ng	96
12) 1,3-Dichlorobenzene	6.93	146	725003	38.55	ng	99
13) 1,4-Dichlorobenzene	7.00	146	681227	36.14	ng	98
14) 1,2-Dichlorobenzene	7.16	146	682533	39.91	ng	100
15) Benzyl Alcohol	7.12	79	533738	38.14	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.26	45	914175	37.40	ng	99
17) 2-Methylphenol	7.22	107	579523	40.55	ng	97
18) Hexachloroethane	7.50	117	276220	39.73	ng	98
19) n-Nitroso-di-n-propylamine	7.41	70	470692	37.89	ng	98
20) 3+4-Methylphenols	7.38	107	602027	35.56	ng	98
22) Acetophenone	7.40	105	918757	40.35	ng	99
24) Nitrobenzene	7.57	77	740997	41.84	ng	99
25) Isophorone	7.81	82	1322631	40.94	ng	100
26) 2-Nitrophenol	7.89	139	367701	42.67	ng	99
27) 2,4-Dimethylphenol	7.92	122	658642	41.82	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	703739	39.11	ng	100
29) 2,4-Dichlorophenol	8.13	162	523139	41.19	ng	99
30) 1,2,4-Trichlorobenzene	8.21	180	551090	40.13	ng	98
31) Naphthalene	8.29	128	1732600	37.77	ng	99
32) Benzoic acid	8.05	122	467977	44.74	ng	98
33) 4-Chloroaniline	8.33	127	708486	38.19	ng	99
34) Hexachlorobutadiene	8.41	225	300279	42.02	ng	100
35) Caprolactam	8.72	113	185451m	44.71	ng	
36) 4-Chloro-3-methylphenol	8.81	107	583512	40.49	ng	99
37) 2-Methylnaphthalene	8.98	142	1200447	40.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	471866	38.20	ng	99
40) Hexachlorocyclopentadiene	9.13	237	278059	41.74	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	379592	41.28	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	368358	42.25	ng	99
45) 1,1'-Biphenyl	9.44	154	1370715	37.15	ng	100
46) 2-Chloronaphthalene	9.48	162	1138060	40.46	ng	100
47) 2-Nitroaniline	9.56	65	357788	41.05	ng	99
48) Acenaphthylene	9.89	152	1692217	38.65	ng	100
49) Dimethylphthalate	9.75	163	1375260	41.48	ng	99
50) 2,6-Dinitrotoluene	9.81	165	301524	42.52	ng	99
51) Acenaphthene	10.06	154	1015853	38.22	ng	99
52) 3-Nitroaniline	9.98	138	373414	44.01	ng	99
53) 2,4-Dinitrophenol	10.07	184	133961	41.51	ng	95
54) Dibenzofuran	10.23	168	1393181	40.01	ng	100
55) 4-Nitrophenol	10.13	139	290797	43.61	ng	94
56) 2,4-Dinitrotoluene	10.21	165	378051	41.65	ng	100
57) Fluorene	10.57	166	1103631	40.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	269543	44.01	ng	98
59) Diethylphthalate	10.45	149	1306911	40.62	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	529238	39.76	ng	99
61) 4-Nitroaniline	10.58	138	316758	39.91	ng	100
62) Azobenzene	10.72	77	1297220	40.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	226972	46.52	ng	91
65) n-Nitrosodiphenylamine	10.68	169	975171	38.48	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	324681	41.04	ng	98
67) Hexachlorobenzene	11.12	284	352240	41.73	ng	100
68) Atrazine	11.20	200	242921	34.47	ng	99
69) Pentachlorophenol	11.30	266	195844	41.80	ng	99
70) Phenanthrene	11.53	178	1546370	36.21	ng	100
71) Anthracene	11.59	178	1704004	37.59	ng	99
72) Carbazole	11.74	167	1550410	39.00	ng	100
73) Di-n-butylphthalate	12.06	149	1829957	36.42	ng	100
74) Fluoranthene	12.72	202	1669630	38.96	ng	98
76) Benzidine	12.84	184	648270	45.76	ng	100
77) Pyrene	12.95	202	1623887	45.33	ng	100
79) Butylbenzylphthalate	13.56	149	677331	41.67	ng	99
80) Benzo(a)anthracene	14.13	228	1158885	40.67	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	411812	45.81	ng	99
82) Chrysene	14.17	228	1186653	45.08	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	907548	42.42	ng	99
84) Di-n-octyl phthalate	14.73	149	1453436	44.61	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	1005780	48.96	ng	99
87) Benzo(b)fluoranthene	15.18	252	1109916	43.01	ng	99
88) Benzo(k)fluoranthene	15.21	252	688679m	33.08	ng	
89) Benzo(a)pyrene	15.56	252	861729	40.29	ng	99
90) Dibenzo(a,h)anthracene	17.11	278	834656	45.72	ng	99
91) Benzo(g,h,i)perylene	17.55	276	854078	46.53	ng	100

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

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