Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079234.D
Acq On : 14 May 2015 11:33
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/14/2015 5:00:32 PM

Quant Time: May 14 15:49:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 15:23:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	89368	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	377300	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	183546	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	342894	20.00	ng		-0.01
75) Chrysene-d12	16.16	240	381019m	20.00	ng		0.03
86) Perylene-d12	18.03	264	372028	20.00	ng		0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	438684	84.50	ng		0.00
7) Phenol-d6	6.80	99	537110	78.27	ng		0.00
23) Nitrobenzene-d5	7.93	82	518559	78.99	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	159917	80.54	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	977693	74.21	ng		0.00
78) Terphenyl-d14	14.82	244	1216922	76.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	91973	40.74	ng	#	20
3) Pyridine	2.84	79	265517	40.19	ng		99
4) n-Nitrosodimethylamine	2.78	42	120964	42.74	ng		90
6) Aniline	6.82	93	378994	39.13	ng	#	63
8) 2-Chlorophenol	6.97	128	244292	41.49	ng		88
9) Benzaldehyde	6.68	77	172009	37.21	ng		97
10) Phenol	6.82	94	315343	39.61	ng	#	49
11) bis(2-Chloroethyl)ether	6.92	93	235484	40.35	ng		95
12) 1,3-Dichlorobenzene	7.15	146	267979	40.49	ng		96
13) 1,4-Dichlorobenzene	7.26	146	278843	40.94	ng		99
14) 1,2-Dichlorobenzene	7.44	146	259609	40.94	ng		100
15) Benzyl Alcohol	7.42	79	181771	35.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	342953	38.41	ng		96
17) 2-Methylphenol	7.56	107	195077	41.17	ng		97
18) Hexachloroethane	7.85	117	86250	36.76	ng	#	83
19) n-Nitroso-di-n-propylamine	7.75	70	175508	37.86	ng		92
20) 3+4-Methylphenols	7.76	107	251933	39.90	ng	#	45
22) Acetophenone	7.75	105	335513	39.36	ng	#	92
24) Nitrobenzene	7.95	77	262503	40.34	ng		91
25) Isophorone	8.25	82	480079	39.45	ng	#	95
26) 2-Nitrophenol	8.34	139	124238	46.13	ng	#	90
27) 2,4-Dimethylphenol	8.41	122	227249	42.16	ng		96
28) bis(2-Chloroethoxy)methane	8.52	93	282984	37.72	ng		98
29) 2,4-Dichlorophenol	8.64	162	199863	41.70	ng		96
30) 1,2,4-Trichlorobenzene	8.74	180	211723	40.22	ng		95
31) Naphthalene	8.83	128	709298	39.45	ng		99
32) Benzoic acid	8.54	122	131881	40.24	ng		96
33) 4-Chloroaniline	8.91	127	316449	41.60	ng		96
34) Hexachlorobutadiene	8.99	225	119518	39.42	ng		98
35) Caprolactam	9.36	113	70224	45.31	ng	#	76
36) 4-Chloro-3-methylphenol	9.52	107	204233	40.57	ng		99
37) 2-Methylnaphthalene	9.70	142	499810	40.12	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	205710	39.79	ng	#	100
40) Hexachlorocyclopentadiene	9.88	237	17610	6.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	142518	40.10	ng		94
43) 2,4,5-Trichlorophenol	10.09	196	144771	40.29	ng		93
45) 1,1'-Biphenyl	10.27	154	555097	38.04	ng		99
46) 2-Chloronaphthalene	10.30	162	434320	38.16	ng		100
47) 2-Nitroaniline	10.43	65	141861	43.02	ng	#	74
48) Acenaphthylene	10.81	152	741326	39.67	ng		99
49) Dimethylphthalate	10.67	163	523701	38.88	ng		99
50) 2,6-Dinitrotoluene	10.74	165	114274	42.98	ng	#	77
51) Acenaphthene	11.03	154	425742	38.20	ng		99
52) 3-Nitroaniline	10.95	138	150764	45.40	ng	#	89
53) 2,4-Dinitrophenol	11.07	184	9792	18.41	ng		91
54) Dibenzofuran	11.25	168	615265	38.22	ng		94
55) 4-Nitrophenol	11.17	139	104538	39.77	ng		88
56) 2,4-Dinitrotoluene	11.23	165	140609	40.01	ng	#	92
57) Fluorene	11.67	166	507268	38.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.39	232	115183	39.23	ng	#	100
59) Diethylphthalate	11.54	149	498216	37.33	ng		98
60) 4-Chlorophenyl-phenylether	11.68	204	215957	36.84	ng	#	88
61) 4-Nitroaniline	11.70	138	151392	45.57	ng		89
62) Azobenzene	11.87	77	481260	36.60	ng		91
64) 4,6-Dinitro-2-methylphenol	11.74	198	24656	22.26	ng		90
65) n-Nitrosodiphenylamine	11.83	169	454702	39.82	ng		99
66) 4-Bromophenyl-phenylether	12.29	248	144525	40.44	ng	#	88
67) Hexachlorobenzene	12.34	284	159541	39.05	ng	#	91
68) Atrazine	12.50	200	130406	39.27	ng		94
69) Pentachlorophenol	12.59	266	86207	39.83	ng		98
70) Phenanthrene	12.86	178	724554	37.77	ng		99
71) Anthracene	12.93	178	759378	40.35	ng		99
72) Carbazole	13.13	167	738419	41.17	ng		99
73) Di-n-butylphthalate	13.58	149	861254	40.04	ng	#	99
74) Fluoranthene	14.33	202	864932	43.27	ng		99
76) Benzidine	14.51	184	511465	49.81	ng		99
77) Pyrene	14.62	202	879679	40.07	ng		99
79) Butylbenzylphthalate	15.45	149	431101	44.92	ng		92
80) Benzo(a)anthracene	16.15	228	843718	40.44	ng		99
81) 3,3'-Dichlorobenzidine	16.13	252	321558m	43.27	ng		
82) Chrysene	16.19	228	801129m	39.92	ng		
83) Bis(2-ethylhexyl)phthalate	16.21	149	609678m	41.94	ng		
84) Di-n-octyl phthalate	17.07	149	1096563m	42.83	ng		
85) Indeno(1,2,3-cd)pyrene	19.51	276	947045m	37.04	ng		
87) Benzo(b)fluoranthene	17.55	252	883238m	43.37	ng		
88) Benzo(k)fluoranthene	17.59	252	873319	44.30	ng	#	98
89) Benzo(a)pyrene	17.97	252	821618	43.82	ng	#	97
90) Dibenzo(a,h)anthracene	19.53	278	770747	38.68	ng	#	96
91) Benzo(g,h,i)perylene	19.94	276	747876	37.45	ng		99

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

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