Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078399.D
Acq On : 10 Apr 2015 12:35
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/10/2015 5:14:15 PM

Quant Time: Apr 10 13:27:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	42367	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	178836	20.00	ng		0.00
38) Acenaphthene-d10	10.63	164	86801	20.00	ng		-0.01
63) Phenanthrene-d10	12.45	188	162579	20.00	ng		-0.01
75) Chrysene-d12	15.72	240	169380	20.00	ng		-0.02
86) Perylene-d12	17.49	264	164391	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	217257	84.55	ng		-0.02
7) Phenol-d6	6.49	99	265777	82.53	ng		0.01
23) Nitrobenzene-d5	7.58	82	233175	79.03	ng		0.00
41) 2,4,6-Tribromophenol	11.61	330	61797	85.84	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	488815	80.50	ng		0.00
78) Terphenyl-d14	14.44	244	571665	76.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	52155	44.89	ng		95
3) Pyridine	2.28	79	132564	43.55	ng		98
4) n-Nitrosodimethylamine	2.24	42	56088m	47.87	ng		
6) Aniline	6.48	93	195133	42.73	ng		90
8) 2-Chlorophenol	6.62	128	127484	41.96	ng		93
9) Benzaldehyde	6.33	77	81831	38.34	ng		99
10) Phenol	6.50	94	154612	40.07	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	114059	41.10	ng		98
12) 1,3-Dichlorobenzene	6.81	146	136151	40.79	ng	#	93
13) 1,4-Dichlorobenzene	6.91	146	137415	40.90	ng		96
14) 1,2-Dichlorobenzene	7.09	146	127275	40.40	ng		94
15) Benzyl Alcohol	7.09	79	98492	43.52	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.26	45	148525	40.13	ng		94
17) 2-Methylphenol	7.25	107	98921	41.93	ng		96
18) Hexachloroethane	7.50	117	41746	36.85	ng		88
19) n-Nitroso-di-n-propylamine	7.42	70	92606	43.58	ng		94
20) 3+4-Methylphenols	7.45	107	130904	41.60	ng		96
22) Acetophenone	7.40	105	165975	39.83	ng	#	89
24) Nitrobenzene	7.61	77	121846	39.50	ng	#	80
25) Isophorone	7.92	82	235764	42.10	ng		100
26) 2-Nitrophenol	8.01	139	40662	27.66	ng		96
27) 2,4-Dimethylphenol	8.09	122	103960	38.04	ng		94
28) bis(2-Chloroethoxy)methane	8.20	93	137608	38.32	ng		97
29) 2,4-Dichlorophenol	8.32	162	102598	41.26	ng		95
30) 1,2,4-Trichlorobenzene	8.41	180	108575	38.08	ng		98
31) Naphthalene	8.49	128	364004	39.11	ng		99
32) Benzoic acid	8.25	122	44917m	36.52	ng		
33) 4-Chloroaniline	8.58	127	158768	41.10	ng		98
34) Hexachlorobutadiene	8.65	225	61271	39.14	ng		99
35) Caprolactam	9.02	113	33633	45.31	ng	#	83
36) 4-Chloro-3-methylphenol	9.21	107	104875	41.80	ng		87
37) 2-Methylnaphthalene	9.34	142	236445	37.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	105607	39.27	ng		99
40) Hexachlorocyclopentadiene	9.54	237	10910	15.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	75986	44.80	ng		97
43) 2,4,5-Trichlorophenol	9.76	196	75555	42.64	ng		97
45) 1,1'-Biphenyl	9.93	154	279883	39.42	ng		98
46) 2-Chloronaphthalene	9.95	162	229497	41.08	ng		95
47) 2-Nitroaniline	10.09	65	67053	48.51	ng	#	85
48) Acenaphthylene	10.45	152	377574	41.86	ng		99
49) Dimethylphthalate	10.33	163	251337	38.54	ng		98
50) 2,6-Dinitrotoluene	10.40	165	49293	36.74	ng	#	49
51) Acenaphthene	10.67	154	212232	41.79	ng		99
52) 3-Nitroaniline	10.60	138	76717	50.29	ng		91
53) 2,4-Dinitrophenol	10.75	184	305	8.50	ng	#	88
54) Dibenzofuran	10.88	168	310138	39.98	ng		99
55) 4-Nitrophenol	10.84	139	39432m	36.65	ng		
56) 2,4-Dinitrotoluene	10.89	165	61375	35.32	ng	#	52
57) Fluorene	11.30	166	255274	40.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.05	232	58387	44.44	ng	#	99
59) Diethylphthalate	11.21	149	256101	40.73	ng		97
60) 4-Chlorophenyl-phenylether	11.32	204	120670	41.72	ng		92
61) 4-Nitroaniline	11.35	138	73670	47.77	ng		92
62) Azobenzene	11.52	77	259324	45.19	ng		85
64) 4,6-Dinitro-2-methylphenol	11.39	198	2373	10.98	ng		87
65) n-Nitrosodiphenylamine	11.47	169	232343	41.31	ng		99
66) 4-Bromophenyl-phenylether	11.92	248	69419	40.32	ng		99
67) Hexachlorobenzene	11.97	284	75128	39.82	ng		96
68) Atrazine	12.15	200	64237	39.44	ng		94
69) Pentachlorophenol	12.23	266	35838	46.44	ng		99
70) Phenanthrene	12.48	178	377395	40.13	ng		99
71) Anthracene	12.55	178	389323	42.01	ng		100
72) Carbazole	12.76	167	356665	41.07	ng		99
73) Di-n-butylphthalate	13.22	149	415894	42.27	ng		99
74) Fluoranthene	13.95	202	421335	42.48	ng		91
76) Benzidine	14.15	184	208517	31.97	ng		99
77) Pyrene	14.23	202	438181	41.21	ng		99
79) Butylbenzylphthalate	15.07	149	190086	46.90	ng		90
80) Benzo(a)anthracene	15.71	228	406698	40.36	ng		98
81) 3,3'-Dichlorobenzidine	15.71	252	146683	43.46	ng		100
82) Chrysene	15.76	228	380556	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	15.80	149	266100	41.86	ng	#	95
84) Di-n-octyl phthalate	16.61	149	477014	45.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.79	276	427640	39.80	ng	#	87
87) Benzo(b)fluoranthene	17.04	252	445460m	43.84	ng		
88) Benzo(k)fluoranthene	17.07	252	322566	35.73	ng		98
89) Benzo(a)pyrene	17.43	252	371631	41.91	ng	#	94
90) Dibenzo(a,h)anthracene	18.81	278	334971	37.73	ng		99
91) Benzo(g,h,i)perylene	19.14	276	340466m	38.25	ng		

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

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