Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
Data File : BF078240.D
Acq On : 3 Apr 2015 14:18
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/6/2015 4:33:08 PM

Quant Time: Apr 03 23:40:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 14:42:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	43058	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	174325	20.00	ng		0.00
38) Acenaphthene-d10	10.73	164	84252	20.00	ng		0.00
63) Phenanthrene-d10	12.56	188	167225	20.00	ng		0.00
75) Chrysene-d12	15.84	240	168515	20.00	ng		0.00
86) Perylene-d12	17.60	264	162373	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	211781	81.09	ng		0.00
7) Phenol-d6	6.59	99	259740	79.36	ng		0.02
23) Nitrobenzene-d5	7.68	82	221251	76.93	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	64831	92.78	ng		-0.01
44) 2-Fluorobiphenyl	9.90	172	462759	78.51	ng		0.00
78) Terphenyl-d14	14.55	244	583043	78.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	42703	36.16	ng		97
3) Pyridine	2.43	79	120320	38.90	ng		96
4) n-Nitrosodimethylamine	2.37	42	53883	45.25	ng		99
6) Aniline	6.57	93	182046	39.22	ng		91
8) 2-Chlorophenol	6.72	128	121489	39.34	ng		97
9) Benzaldehyde	6.42	77	81748	37.69	ng		92
10) Phenol	6.60	94	155682	39.70	ng		100
11) bis(2-Chloroethyl)ether	6.68	93	112634	39.94	ng		97
12) 1,3-Dichlorobenzene	6.90	146	131914	38.89	ng		96
13) 1,4-Dichlorobenzene	7.00	146	133951	39.23	ng		98
14) 1,2-Dichlorobenzene	7.18	146	121569	37.97	ng		96
15) Benzyl Alcohol	7.18	79	98472	42.82	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.36	45	149354	39.70	ng		85
17) 2-Methylphenol	7.34	107	94198	39.29	ng		95
18) Hexachloroethane	7.60	117	45993	39.95	ng	#	78
19) n-Nitroso-di-n-propylamine	7.52	70	89556	41.47	ng		97
20) 3+4-Methylphenols	7.54	107	127677	39.92	ng		98
22) Acetophenone	7.49	105	159627	39.30	ng	#	88
24) Nitrobenzene	7.70	77	116169	38.64	ng	#	80
25) Isophorone	8.01	82	231430	42.40	ng		99
26) 2-Nitrophenol	8.10	139	62599	43.69	ng		97
27) 2,4-Dimethylphenol	8.18	122	101966	38.27	ng		91
28) bis(2-Chloroethoxy)methane	8.29	93	137620	39.32	ng		99
29) 2,4-Dichlorophenol	8.41	162	101987	42.08	ng		94
30) 1,2,4-Trichlorobenzene	8.50	180	105523	37.97	ng		97
31) Naphthalene	8.58	128	343392	37.85	ng		99
32) Benzoic acid	8.32	122	65359	51.66	ng		94
33) 4-Chloroaniline	8.67	127	148776	39.51	ng		97
34) Hexachlorobutadiene	8.74	225	60386	39.57	ng		98
35) Caprolactam	9.10	113	31566	43.63	ng		98
36) 4-Chloro-3-methylphenol	9.30	107	107986	44.16	ng		92
37) 2-Methylnaphthalene	9.45	142	240439	39.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.65	216	107318	41.11	ng		99
40) Hexachlorocyclopentadiene	9.63	237	42964	41.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	73895	44.88	ng		99
43) 2,4,5-Trichlorophenol	9.86	196	78771	45.80	ng	#	86
45) 1,1'-Biphenyl	10.03	154	280699	40.73	ng		99
46) 2-Chloronaphthalene	10.04	162	224734	41.45	ng		99
47) 2-Nitroaniline	10.18	65	59792	44.57	ng		98
48) Acenaphthylene	10.54	152	356412	40.71	ng		99
49) Dimethylphthalate	10.42	163	261778	41.36	ng		99
50) 2,6-Dinitrotoluene	10.50	165	57595	44.23	ng		97
51) Acenaphthene	10.76	154	201580	40.89	ng		98
52) 3-Nitroaniline	10.69	138	62222	42.02	ng		91
53) 2,4-Dinitrophenol	10.83	184	16667	43.84	ng		95
54) Dibenzofuran	10.98	168	306617	40.72	ng		98
55) 4-Nitrophenol	10.94	139	46576m	44.01	ng		
56) 2,4-Dinitrotoluene	10.99	165	75965	45.04	ng		92
57) Fluorene	11.40	166	260407	42.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.14	232	61569	48.28	ng		100
59) Diethylphthalate	11.30	149	261470	42.84	ng		99
60) 4-Chlorophenyl-phenylether	11.41	204	118840	42.33	ng	#	81
61) 4-Nitroaniline	11.45	138	59746	39.91	ng		95
62) Azobenzene	11.61	77	230504	41.38	ng		95
64) 4,6-Dinitro-2-methylphenol	11.48	198	29415	37.68	ng		85
65) n-Nitrosodiphenylamine	11.56	169	228481	39.50	ng		98
66) 4-Bromophenyl-phenylether	12.02	248	72384	40.87	ng	#	89
67) Hexachlorobenzene	12.07	284	74492	38.38	ng	#	79
68) Atrazine	12.25	200	71088	42.43	ng		98
69) Pentachlorophenol	12.33	266	36270	45.82	ng		98
70) Phenanthrene	12.58	178	367261	37.97	ng		99
71) Anthracene	12.65	178	386257	40.52	ng		100
72) Carbazole	12.87	167	363028	40.64	ng		99
73) Di-n-butylphthalate	13.32	149	436899	43.17	ng		100
74) Fluoranthene	14.05	202	422985	41.46	ng		92
76) Benzidine	14.25	184	184947	28.50	ng		99
77) Pyrene	14.33	202	421954	39.89	ng		98
79) Butylbenzylphthalate	15.17	149	186765	46.32	ng		95
80) Benzo(a)anthracene	15.83	228	398221	39.72	ng		99
81) 3,3'-Dichlorobenzidine	15.81	252	142057	42.30	ng	#	98
82) Chrysene	15.87	228	373213	39.62	ng		100
83) Bis(2-ethylhexyl)phthalate	15.91	149	282468	44.67	ng	#	96
84) Di-n-octyl phthalate	16.72	149	495706	47.74	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.91	276	447307	41.85	ng	#	85
87) Benzo(b)fluoranthene	17.14	252	433622m	43.21	ng		
88) Benzo(k)fluoranthene	17.17	252	319717	35.85	ng		97
89) Benzo(a)pyrene	17.53	252	362980	41.45	ng	#	96
90) Dibenzo(a,h)anthracene	18.93	278	360261	41.09	ng		97
91) Benzo(g,h,i)perylene	19.29	276	359050	40.84	ng		98

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

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