Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078735.D
Acq On : 23 Apr 2015 1:14
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/23/2015 2:15:21 PM

Quant Time: Apr 23 03:36:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	19622	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	87811	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	47486	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	102711	20.00	ng		0.00
75) Chrysene-d12	17.74	240	119847	20.00	ng		0.00
86) Perylene-d12	19.42	264	120059	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.79	112	91393	76.79	ng		-0.01
7) Phenol-d6	5.29	99	123051	82.50	ng		0.00
23) Nitrobenzene-d5	6.73	82	118208	81.60	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	36858	93.59	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	257924	77.64	ng		0.00
78) Terphenyl-d14	16.40	244	381202	71.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	16994	31.58	ng	#	95
3) Pyridine	1.84	79	49544	35.15	ng	#	91
4) n-Nitrosodimethylamine	1.79	42	24683	45.49	ng		94
6) Aniline	5.27	93	87871	41.55	ng	#	89
8) 2-Chlorophenol	5.45	128	56075	39.85	ng		95
9) Benzaldehyde	5.10	77	32993	33.38	ng		100
10) Phenol	5.31	94	69612	38.95	ng		98
11) bis(2-Chloroethyl)ether	5.42	93	50870	39.58	ng		97
12) 1,3-Dichlorobenzene	5.68	146	60041	38.84	ng		97
13) 1,4-Dichlorobenzene	5.82	146	60471	38.86	ng		96
14) 1,2-Dichlorobenzene	6.04	146	58526	40.12	ng		96
15) Benzyl Alcohol	6.07	79	46747	44.60	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.31	45	66610	38.86	ng		89
17) 2-Methylphenol	6.28	107	43792	40.08	ng		95
18) Hexachloroethane	6.59	117	21343	40.68	ng	#	82
19) n-Nitroso-di-n-propylamine	6.51	70	43289	43.99	ng	#	87
20) 3+4-Methylphenols	6.56	107	58979	40.47	ng		99
22) Acetophenone	6.49	105	79068	38.65	ng	#	94
24) Nitrobenzene	6.75	77	59574	39.34	ng	#	82
25) Isophorone	7.19	82	117016	42.56	ng		95
26) 2-Nitrophenol	7.31	139	30037	41.62	ng		96
27) 2,4-Dimethylphenol	7.46	122	50428	37.58	ng		92
28) bis(2-Chloroethoxy)methane	7.63	93	68033	38.59	ng		99
29) 2,4-Dichlorophenol	7.75	162	47753	39.11	ng		91
30) 1,2,4-Trichlorobenzene	7.87	180	52004	37.15	ng		98
31) Naphthalene	7.99	128	174698	38.22	ng		99
32) Benzoic acid	7.69	122	28711	45.79	ng		92
33) 4-Chloroaniline	8.15	127	75740	39.94	ng		98
34) Hexachlorobutadiene	8.24	225	29403	38.25	ng		98
35) Caprolactam	8.76	113	17467	47.93	ng		96
36) 4-Chloro-3-methylphenol	9.11	107	52761	42.83	ng	#	88
37) 2-Methylnaphthalene	9.24	142	121921	39.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	54070	36.75	ng		99
40) Hexachlorocyclopentadiene	9.54	237	13769	26.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	36671	39.52	ng		98
43) 2,4,5-Trichlorophenol	9.87	196	39127	40.36	ng		95
45) 1,1'-Biphenyl	10.12	154	146481	37.71	ng		97
46) 2-Chloronaphthalene	10.12	162	117267	38.37	ng		98
47) 2-Nitroaniline	10.36	65	34124	45.13	ng		85
48) Acenaphthylene	10.87	152	199645	40.46	ng		99
49) Dimethylphthalate	10.78	163	148916	41.74	ng	#	97
50) 2,6-Dinitrotoluene	10.86	165	31493	42.91	ng	#	41
51) Acenaphthene	11.19	154	112389	40.45	ng		100
52) 3-Nitroaniline	11.14	138	36889	44.20	ng		97
53) 2,4-Dinitrophenol	11.37	184	7755	38.52	ng		96
54) Dibenzofuran	11.52	168	174274	41.07	ng		98
55) 4-Nitrophenol	11.58	139	20588	35.11	ng	#	78
56) 2,4-Dinitrotoluene	11.60	165	45824	48.20	ng		94
57) Fluorene	12.15	166	146674	42.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	29590	41.17	ng		97
59) Diethylphthalate	12.09	149	147406	42.85	ng		98
60) 4-Chlorophenyl-phenylether	12.22	204	64714	40.89	ng	#	86
61) 4-Nitroaniline	12.26	138	38033	45.08	ng		96
62) Azobenzene	12.50	77	130015	41.41	ng		92
64) 4,6-Dinitro-2-methylphenol	12.34	198	18628	38.58	ng		77
65) n-Nitrosodiphenylamine	12.45	169	130640	36.77	ng		98
66) 4-Bromophenyl-phenylether	13.11	248	41063	37.75	ng		94
67) Hexachlorobenzene	13.15	284	43828	36.77	ng		96
68) Atrazine	13.52	200	43056	41.84	ng		95
69) Pentachlorophenol	13.57	266	14672	32.82	ng		97
70) Phenanthrene	13.91	178	225354	37.93	ng		99
71) Anthracene	14.00	178	232622	39.73	ng		99
72) Carbazole	14.33	167	221909	40.44	ng		98
73) Di-n-butylphthalate	15.03	149	259693	41.78	ng		100
74) Fluoranthene	15.81	202	260187	41.53	ng		91
76) Benzidine	16.07	184	134875	29.23	ng		99
77) Pyrene	16.11	202	280923	37.34	ng		99
79) Butylbenzylphthalate	17.11	149	125958	43.93	ng	#	76
80) Benzo(a)anthracene	17.73	228	267326	37.49	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	96187	40.28	ng	#	99
82) Chrysene	17.77	228	254845	38.04	ng		99
83) Bis(2-ethylhexyl)phthalate	17.87	149	182631	40.61	ng		99
84) Di-n-octyl phthalate	18.65	149	325472	44.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.56	276	322529	42.43	ng	#	89
87) Benzo(b)fluoranthene	19.01	252	264130	35.60	ng	#	98
88) Benzo(k)fluoranthene	19.04	252	280246m	42.50	ng		
89) Benzo(a)pyrene	19.36	252	255872	39.51	ng	#	96
90) Dibenzo(a,h)anthracene	20.58	278	256460	39.56	ng		97
91) Benzo(g,h,i)perylene	20.88	276	254803	39.20	ng		96

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

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