Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078806.D
Acq On : 29 Apr 2015 10:51
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 29 14:35:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76885	20.00	ng		-0.01
21) Naphthalene-d8	8.96	136	324339	20.00	ng		-0.01
38) Acenaphthene-d10	11.14	164	156574	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	282025	20.00	ng		-0.01
75) Chrysene-d12	16.30	240	292328	20.00	ng		-0.01
86) Perylene-d12	18.08	264	288834	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	352110	84.11	ng		0.00
7) Phenol-d6	6.92	99	467727	83.66	ng		-0.01
23) Nitrobenzene-d5	8.07	82	418132	92.82	ng		-0.01
41) 2,4,6-Tribromophenol	12.13	330	124254	81.85	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	872731	76.33	ng		-0.01
78) Terphenyl-d14	14.98	244	932395	75.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	80489	41.91	ng	#	21
3) Pyridine	3.12	79	244425	43.10	ng		98
4) n-Nitrosodimethylamine	3.04	42	97353	38.21	ng		98
6) Aniline	6.97	93	334103	40.91	ng		97
8) 2-Chlorophenol	7.11	128	193968	40.31	ng		93
9) Benzaldehyde	6.83	77	165741	41.08	ng		94
10) Phenol	6.94	94	262740	39.76	ng		94
11) bis(2-Chloroethyl)ether	7.07	93	195532	40.01	ng		89
12) 1,3-Dichlorobenzene	7.31	146	215955	38.66	ng	#	90
13) 1,4-Dichlorobenzene	7.40	146	225926	39.50	ng		97
14) 1,2-Dichlorobenzene	7.59	146	216285	40.47	ng		98
15) Benzyl Alcohol	7.55	79	175109	42.03	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.74	45	299021	39.14	ng		99
17) 2-Methylphenol	7.69	107	158614	40.72	ng		95
18) Hexachloroethane	8.01	117	78434	41.52	ng		90
19) n-Nitroso-di-n-propylamine	7.90	70	166524	42.69	ng	#	87
20) 3+4-Methylphenols	7.88	107	218607	43.08	ng	#	87
22) Acetophenone	7.88	105	281145	39.13	ng	#	89
24) Nitrobenzene	8.09	77	208669	43.25	ng		96
25) Isophorone	8.40	82	412983	40.55	ng	#	91
26) 2-Nitrophenol	8.49	139	82622	57.82	ng	#	90
27) 2,4-Dimethylphenol	8.55	122	183461	40.61	ng		95
28) bis(2-Chloroethoxy)methane	8.67	93	259688	41.30	ng		99
29) 2,4-Dichlorophenol	8.78	162	157766	40.85	ng		94
30) 1,2,4-Trichlorobenzene	8.89	180	171486	38.67	ng		97
31) Naphthalene	8.99	128	590303	38.35	ng		97
32) Benzoic acid	8.63	122	86137	62.82	ng		96
33) 4-Chloroaniline	9.06	127	251710	38.85	ng	#	92
34) Hexachlorobutadiene	9.14	225	95121	38.02	ng		98
35) Caprolactam	9.47	113	50978	41.46	ng	#	86
36) 4-Chloro-3-methylphenol	9.66	107	172954	42.66	ng		87
37) 2-Methylnaphthalene	9.85	142	414624	40.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	170599	38.46	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	73016	39.15	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	117120	43.33	ng		95
43) 2,4,5-Trichlorophenol	10.24	196	111129	38.63	ng	#	90
45) 1,1'-Biphenyl	10.43	154	476719	37.94	ng		97
46) 2-Chloronaphthalene	10.46	162	364539	37.12	ng		94
47) 2-Nitroaniline	10.57	65	99218	46.26	ng	#	85
48) Acenaphthylene	10.97	152	601032	37.40	ng		99
49) Dimethylphthalate	10.81	163	414995	37.28	ng		99
50) 2,6-Dinitrotoluene	10.89	165	78090	43.06	ng	#	67
51) Acenaphthene	11.18	154	356338	37.76	ng		99
52) 3-Nitroaniline	11.08	138	102823	43.70	ng	#	81
53) 2,4-Dinitrophenol	11.21	184	13293	48.91	ng	#	69
54) Dibenzofuran	11.39	168	511241	36.93	ng		97
55) 4-Nitrophenol	11.28	139	77351	44.17	ng	#	80
56) 2,4-Dinitrotoluene	11.38	165	102445	47.23	ng	#	69
57) Fluorene	11.82	166	422730	38.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	93200	43.26	ng	#	100
59) Diethylphthalate	11.69	149	420522	37.96	ng		96
60) 4-Chlorophenyl-phenylether	11.83	204	184895	37.55	ng		91
61) 4-Nitroaniline	11.84	138	101741	42.75	ng		96
62) Azobenzene	12.02	77	432313	38.28	ng		94
64) 4,6-Dinitro-2-methylphenol	11.89	198	24960	52.17	ng	#	73
65) n-Nitrosodiphenylamine	11.98	169	376029	41.24	ng		98
66) 4-Bromophenyl-phenylether	12.43	248	113277	39.79	ng	#	86
67) Hexachlorobenzene	12.50	284	128215	39.76	ng	#	76
68) Atrazine	12.64	200	106472	43.60	ng		98
69) Pentachlorophenol	12.74	266	67498	48.75	ng		96
70) Phenanthrene	13.02	178	603663	39.53	ng		99
71) Anthracene	13.09	178	612990	41.06	ng		98
72) Carbazole	13.28	167	567916	40.28	ng		99
73) Di-n-butylphthalate	13.74	149	699034	42.80	ng	#	97
74) Fluoranthene	14.50	202	640482	42.06	ng		92
76) Benzidine	14.67	184	306719	32.41	ng		99
77) Pyrene	14.78	202	658347	38.54	ng		99
79) Butylbenzylphthalate	15.60	149	285737	43.63	ng		97
80) Benzo(a)anthracene	16.29	228	619827	39.52	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	222705	41.72	ng	#	97
82) Chrysene	16.33	228	587852	38.45	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	431195	41.01	ng	#	96
84) Di-n-octyl phthalate	17.15	149	708968	42.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.61	276	746555	43.04	ng	#	100
87) Benzo(b)fluoranthene	17.62	252	612128	39.15	ng	#	95
88) Benzo(k)fluoranthene	17.66	252	613524	40.49	ng	#	95
89) Benzo(a)pyrene	18.01	252	577775	41.30	ng	#	96
90) Dibenzo(a,h)anthracene	19.65	278	595396	41.10	ng		99
91) Benzo(g,h,i)perylene	20.07	276	604822	41.59	ng		98

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

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