Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080507.D
Acq On : 16 Jul 2015 13:29
Operator : TP/UM
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 16 15:30:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 15:23:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	18864	20.00	ng		0.00
21) Naphthalene-d8	8.36	136	81788	20.00	ng		0.00
38) Acenaphthene-d10	10.12	164	37862	20.00	ng		0.00
63) Phenanthrene-d10	11.61	188	66133	20.00	ng		0.00
75) Chrysene-d12	14.43	240	54600	20.00	ng		0.00
86) Perylene-d12	16.15	264	46061	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	93698	71.00	ng		0.00
7) Phenol-d6	6.72	99	123770	80.08	ng		0.00
23) Nitrobenzene-d5	7.64	82	114621	86.73	ng		0.00
41) 2,4,6-Tribromophenol	10.91	330	24460	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.44	172	221895	69.24	ng		0.00
78) Terphenyl-d14	13.23	244	213256	77.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	23280	45.58	ng		85
3) Pyridine	3.71	79	48283	36.64	ng		85
4) n-Nitrosodimethylamine	3.55	42	30412	52.06	ng		79
6) Aniline	6.75	93	79878	42.16	ng		90
8) 2-Chlorophenol	6.86	128	51845	36.84	ng		82
9) Benzaldehyde	6.62	77	43689	87.38	ng	#	68
10) Phenol	6.73	94	66515	41.07	ng	#	60
11) bis(2-Chloroethyl)ether	6.81	93	45528	35.91	ng		90
12) 1,3-Dichlorobenzene	7.01	146	62826	41.35	ng	#	91
13) 1,4-Dichlorobenzene	7.09	146	63406m	40.58	ng		
14) 1,2-Dichlorobenzene	7.25	146	54574	37.56	ng		99
15) Benzyl Alcohol	7.22	79	43233	52.29	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	7.34	45	84805	34.94	ng		60
17) 2-Methylphenol	7.33	107	39991	40.55	ng	#	75
18) Hexachloroethane	7.60	117	19353	39.41	ng	#	68
19) n-Nitroso-di-n-propylamine	7.48	70	35405	45.48	ng	#	83
20) 3+4-Methylphenols	7.49	107	55408	42.33	ng	#	80
22) Acetophenone	7.48	105	74814	37.25	ng	#	79
24) Nitrobenzene	7.66	77	53655	42.39	ng	#	76
25) Isophorone	7.89	82	100177	40.05	ng	#	91
26) 2-Nitrophenol	7.98	139	23723	29.07	ng	#	80
27) 2,4-Dimethylphenol	8.02	122	48550	33.44	ng	#	81
28) bis(2-Chloroethoxy)methane	8.10	93	59196	35.27	ng	#	92
29) 2,4-Dichlorophenol	8.22	162	45385	39.69	ng		98
30) 1,2,4-Trichlorobenzene	8.30	180	47860	38.88	ng		99
31) Naphthalene	8.38	128	155586	32.92	ng		98
32) Benzoic acid	8.10	122	23774	24.97	ng	#	53
33) 4-Chloroaniline	8.44	127	63429	34.96	ng	#	91
34) Hexachlorobutadiene	8.50	225	28964	55.72	ng		98
35) Caprolactam	8.78	113	10041	24.41	ng		89
36) 4-Chloro-3-methylphenol	8.92	107	44430	43.42	ng	#	82
37) 2-Methylnaphthalene	9.07	142	96219	33.94	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	48621	45.73	ng		98
40) Hexachlorocyclopentadiene	9.23	237	24652	39.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	30255	43.18	ng		100
43) 2,4,5-Trichlorophenol	9.40	196	31797	43.55	ng		97
45) 1,1'-Biphenyl	9.54	154	118221	32.24	ng		95
46) 2-Chloronaphthalene	9.56	162	90811	36.55	ng	#	91
47) 2-Nitroaniline	9.66	65	25321	38.73	ng	#	48
48) Acenaphthylene	9.98	152	154771	35.23	ng		98
49) Dimethylphthalate	9.84	163	102735	40.38	ng	#	96
50) 2,6-Dinitrotoluene	9.90	165	19228	32.31	ng		94
51) Acenaphthene	10.16	154	88722	32.67	ng		87
52) 3-Nitroaniline	10.08	138	22280	30.10	ng	#	33
53) 2,4-Dinitrophenol	10.18	184	8863	27.17	ng	#	45
54) Dibenzofuran	10.33	168	129275	37.65	ng		94
55) 4-Nitrophenol	10.25	139	16380	27.53	ng	#	24
56) 2,4-Dinitrotoluene	10.30	165	29551	40.38	ng	#	92
57) Fluorene	10.67	166	100080	33.24	ng		90
58) 2,3,4,6-Tetrachlorophenol	10.45	232	21771	39.70	ng	#	98
59) Diethylphthalate	10.53	149	95240	37.34	ng		96
60) 4-Chlorophenyl-phenylether	10.66	204	44205	37.15	ng		95
61) 4-Nitroaniline	10.69	138	23405	31.46	ng	#	41
62) Azobenzene	10.82	77	105460	45.16	ng		96
64) 4,6-Dinitro-2-methylphenol	10.72	198	13173	33.16	ng	#	72
65) n-Nitrosodiphenylamine	10.77	169	93176	38.21	ng		91
66) 4-Bromophenyl-phenylether	11.15	248	25323	41.39	ng	#	82
67) Hexachlorobenzene	11.22	284	29001	44.00	ng	#	86
68) Atrazine	11.29	200	21900	39.05	ng		83
69) Pentachlorophenol	11.41	266	12878	30.81	ng		94
70) Phenanthrene	11.63	178	149992	36.76	ng		98
71) Anthracene	11.69	178	137248	33.94	ng		99
72) Carbazole	11.85	167	120981	32.42	ng		98
73) Di-n-butylphthalate	12.16	149	150899	33.86	ng	#	99
74) Fluoranthene	12.84	202	144390	41.51	ng		92
76) Benzidine	12.98	184	72883	56.06	ng	#	98
77) Pyrene	13.08	202	144999	33.46	ng		97
79) Butylbenzylphthalate	13.75	149	52730	26.51	ng		93
80) Benzo(a)anthracene	14.41	228	124677	37.94	ng		97
81) 3,3'-Dichlorobenzidine	14.37	252	42214	41.96	ng	#	95
82) Chrysene	14.45	228	121694	38.13	ng		96
83) Bis(2-ethylhexyl)phthalate	14.39	149	76806	27.23	ng		95
84) Di-n-octyl phthalate	15.14	149	120385	28.54	ng		98
85) Indeno(1,2,3-cd)pyrene	17.73	276	131356	49.19	ng	#	91
87) Benzo(b)fluoranthene	15.68	252	110129	38.35	ng	#	86
88) Benzo(k)fluoranthene	15.70	252	111048m	37.73	ng		
89) Benzo(a)pyrene	16.08	252	101403	37.65	ng	#	87
90) Dibenzo(a,h)anthracene	17.76	278	106056	45.43	ng	#	82
91) Benzo(g,h,i)perylene	18.21	276	110135	46.25	ng	#	82

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

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