Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079236.D
Acq On : 14 May 2015 16:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 15 12:44:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 02:08:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	64722	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	268920	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	130611	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	260217	20.00	ng		0.00
75) Chrysene-d12	16.50	240	281907	20.00	ng		0.00
86) Perylene-d12	18.88	264	293309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	275314m	73.22	ng		0.00
7) Phenol-d6	6.79	99	381515	76.76	ng		0.00
23) Nitrobenzene-d5	7.92	82	363357	77.65	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	118498	83.86	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	721651	76.98	ng		0.00
78) Terphenyl-d14	14.93	244	886032	75.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	66220m	40.51	ng		
3) Pyridine	2.83	79	153490m	32.08	ng		
4) n-Nitrosodimethylamine	2.75	42	73436m	35.82	ng		
6) Aniline	6.81	93	262753	37.45	ng		94
8) 2-Chlorophenol	6.95	128	160125	37.55	ng		93
9) Benzaldehyde	6.66	77	110603	33.03	ng		89
10) Phenol	6.80	94	211312	36.65	ng	#	64
11) bis(2-Chloroethyl)ether	6.91	93	150446	35.60	ng		99
12) 1,3-Dichlorobenzene	7.14	146	180600	37.68	ng	#	95
13) 1,4-Dichlorobenzene	7.24	146	180992	36.69	ng		96
14) 1,2-Dichlorobenzene	7.43	146	168492	36.69	ng		97
15) Benzyl Alcohol	7.40	79	134537	36.47	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.59	45	223469	34.56	ng		93
17) 2-Methylphenol	7.55	107	133577	38.92	ng		98
18) Hexachloroethane	7.84	117	62456	36.76	ng		88
19) n-Nitroso-di-n-propylamine	7.74	70	125142	37.28	ng		98
20) 3+4-Methylphenols	7.75	107	177455	38.81	ng	#	43
22) Acetophenone	7.72	105	225096	37.05	ng	#	92
24) Nitrobenzene	7.94	77	171625	37.00	ng	#	75
25) Isophorone	8.24	82	336180	38.75	ng		99
26) 2-Nitrophenol	8.33	139	87589	45.63	ng		99
27) 2,4-Dimethylphenol	8.40	122	150572	39.20	ng		98
28) bis(2-Chloroethoxy)methane	8.51	93	197067	36.85	ng		100
29) 2,4-Dichlorophenol	8.63	162	139212	40.75	ng		94
30) 1,2,4-Trichlorobenzene	8.73	180	143057	38.12	ng		99
31) Naphthalene	8.82	128	482613	37.66	ng		99
32) Benzoic acid	8.51	122	104019m	43.86	ng		
33) 4-Chloroaniline	8.90	127	223480	41.22	ng	#	89
34) Hexachlorobutadiene	8.98	225	82152	38.02	ng		98
35) Caprolactam	9.34	113	44860	40.61	ng	#	77
36) 4-Chloro-3-methylphenol	9.51	107	145230	40.48	ng		90
37) 2-Methylnaphthalene	9.68	142	340168	38.31	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.88	216	139868	38.02	ng		99
40) Hexachlorocyclopentadiene	9.87	237	55415	29.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	97362	38.50	ng		97
43) 2,4,5-Trichlorophenol	10.08	196	99318	38.85	ng	#	83
45) 1,1'-Biphenyl	10.26	154	391033	37.66	ng		96
46) 2-Chloronaphthalene	10.28	162	300372	37.09	ng		97
47) 2-Nitroaniline	10.42	65	96820	41.26	ng	#	64
48) Acenaphthylene	10.80	152	523355	39.36	ng		99
49) Dimethylphthalate	10.66	163	372701	38.88	ng		97
50) 2,6-Dinitrotoluene	10.73	165	78640	41.57	ng	#	73
51) Acenaphthene	11.02	154	305201	38.49	ng		99
52) 3-Nitroaniline	10.94	138	102150	43.23	ng	#	76
53) 2,4-Dinitrophenol	11.07	184	27977	48.21	ng	#	52
54) Dibenzofuran	11.23	168	446718	39.00	ng		96
55) 4-Nitrophenol	11.15	139	75151	40.18	ng	#	72
56) 2,4-Dinitrotoluene	11.23	165	101704	40.67	ng		94
57) Fluorene	11.66	166	363842	38.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.38	232	79774	38.18	ng		98
59) Diethylphthalate	11.53	149	374070	39.39	ng		97
60) 4-Chlorophenyl-phenylether	11.67	204	159206	38.17	ng		94
61) 4-Nitroaniline	11.69	138	106024	44.85	ng		93
62) Azobenzene	11.86	77	362031	38.69	ng		96
64) 4,6-Dinitro-2-methylphenol	11.74	198	47014	44.62	ng		94
65) n-Nitrosodiphenylamine	11.82	169	329906	38.07	ng		100
66) 4-Bromophenyl-phenylether	12.27	248	103482	38.15	ng	#	89
67) Hexachlorobenzene	12.33	284	112958	36.44	ng	#	88
68) Atrazine	12.49	200	98573	39.12	ng		97
69) Pentachlorophenol	12.58	266	61249	37.72	ng		97
70) Phenanthrene	12.85	178	530410	36.44	ng		99
71) Anthracene	12.91	178	548358	38.40	ng		99
72) Carbazole	13.12	167	505701	37.15	ng		99
73) Di-n-butylphthalate	13.59	149	651387	39.90	ng		99
74) Fluoranthene	14.38	202	594006	39.16	ng		99
76) Benzidine	14.58	184	343511	45.21	ng		98
77) Pyrene	14.69	202	608306	37.45	ng		99
79) Butylbenzylphthalate	15.67	149	287238	40.45	ng		96
80) Benzo(a)anthracene	16.49	228	586893	38.02	ng		100
81) 3,3'-Dichlorobenzidine	16.47	252	222025	40.38	ng	#	96
82) Chrysene	16.55	228	566995	38.19	ng		99
83) Bis(2-ethylhexyl)phthalate	16.61	149	435516	40.49	ng	#	99
84) Di-n-octyl phthalate	17.70	149	761427m	40.20	ng		
85) Indeno(1,2,3-cd)pyrene	20.64	276	770268	40.72	ng	#	92
87) Benzo(b)fluoranthene	18.25	252	608526	37.90	ng		99
88) Benzo(k)fluoranthene	18.30	252	604430	38.89	ng	#	96
89) Benzo(a)pyrene	18.79	252	579453	39.20	ng		97
90) Dibenzo(a,h)anthracene	20.69	278	628488	40.00	ng		99
91) Benzo(g,h,i)perylene	21.09	276	627789	39.87	ng	#	95

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

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