Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079340.D
Acq On : 19 May 2015 12:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 20 05:23:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	67030	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	285603	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	142658	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	275515	20.00	ng		0.00
75) Chrysene-d12	16.02	240	282565	20.00	ng		0.00
86) Perylene-d12	17.82	264	304040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	293393m	75.34	ng		0.00
7) Phenol-d6	6.71	99	406197	78.92	ng		0.00
23) Nitrobenzene-d5	7.83	82	380962	76.66	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	126105	81.71	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	756407	73.87	ng		0.00
78) Terphenyl-d14	14.72	244	904969	76.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	72408m	42.77	ng		
3) Pyridine	2.67	79	163269m	32.95	ng		
4) n-Nitrosodimethylamine	2.59	42	85434m	40.24	ng		
6) Aniline	6.72	93	268700	36.98	ng	#	58
8) 2-Chlorophenol	6.87	128	169841	38.46	ng	#	80
9) Benzaldehyde	6.57	77	116275m	33.53	ng		
10) Phenol	6.72	94	220260	36.89	ng	#	41
11) bis(2-Chloroethyl)ether	6.82	93	161373	36.87	ng		90
12) 1,3-Dichlorobenzene	7.05	146	188662	38.00	ng	#	94
13) 1,4-Dichlorobenzene	7.15	146	194210	38.02	ng		98
14) 1,2-Dichlorobenzene	7.34	146	179209	37.68	ng		97
15) Benzyl Alcohol	7.31	79	138956	36.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.50	45	241182	36.01	ng		97
17) 2-Methylphenol	7.47	107	139775	39.33	ng		99
18) Hexachloroethane	7.75	117	65866	37.43	ng		89
19) n-Nitroso-di-n-propylamine	7.66	70	136273	39.20	ng		96
20) 3+4-Methylphenols	7.67	107	189263	39.96	ng	#	42
22) Acetophenone	7.64	105	252035	39.06	ng	#	86
24) Nitrobenzene	7.85	77	186489	37.86	ng	#	86
25) Isophorone	8.15	82	339774	36.88	ng	#	93
26) 2-Nitrophenol	8.24	139	85300	41.84	ng	#	85
27) 2,4-Dimethylphenol	8.31	122	155211	38.04	ng		94
28) bis(2-Chloroethoxy)methane	8.43	93	219222	38.60	ng		99
29) 2,4-Dichlorophenol	8.55	162	146778	40.46	ng		87
30) 1,2,4-Trichlorobenzene	8.64	180	149768	37.58	ng		97
31) Naphthalene	8.73	128	502690	36.94	ng		99
32) Benzoic acid	8.44	122	113319m	44.83	ng		
33) 4-Chloroaniline	8.81	127	219266	38.08	ng		95
34) Hexachlorobutadiene	8.89	225	84385	36.77	ng		99
35) Caprolactam	9.26	113	49054	41.82	ng		91
36) 4-Chloro-3-methylphenol	9.43	107	163161	42.82	ng		97
37) 2-Methylnaphthalene	9.59	142	353146	37.45	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.80	216	144103	35.87	ng		98
40) Hexachlorocyclopentadiene	9.78	237	61225	30.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.95	196	104735	37.92	ng		98
43) 2,4,5-Trichlorophenol	10.00	196	107754	38.59	ng		98
45) 1,1'-Biphenyl	10.17	154	413702	36.48	ng		97
46) 2-Chloronaphthalene	10.19	162	321156	36.30	ng		96
47) 2-Nitroaniline	10.33	65	104261	40.68	ng	#	64
48) Acenaphthylene	10.71	152	564006	38.83	ng		98
49) Dimethylphthalate	10.57	163	405599	38.74	ng		98
50) 2,6-Dinitrotoluene	10.64	165	81449	39.42	ng	#	65
51) Acenaphthene	10.91	154	308829	35.65	ng		99
52) 3-Nitroaniline	10.84	138	110220	42.70	ng	#	79
53) 2,4-Dinitrophenol	10.98	184	27714	45.30	ng	#	65
54) Dibenzofuran	11.13	168	458838	36.67	ng		97
55) 4-Nitrophenol	11.06	139	72038	35.26	ng		91
56) 2,4-Dinitrotoluene	11.14	165	116523	42.66	ng		92
57) Fluorene	11.55	166	381315	37.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	85279	37.37	ng		99
59) Diethylphthalate	11.44	149	394161	38.00	ng		98
60) 4-Chlorophenyl-phenylether	11.56	204	162502	35.67	ng		89
61) 4-Nitroaniline	11.60	138	113413	43.92	ng		92
62) Azobenzene	11.76	77	373487	36.54	ng		95
64) 4,6-Dinitro-2-methylphenol	11.64	198	51638	45.80	ng		85
65) n-Nitrosodiphenylamine	11.71	169	337066	36.74	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	105860	36.86	ng		99
67) Hexachlorobenzene	12.24	284	119722	36.47	ng	#	66
68) Atrazine	12.40	200	102597	38.45	ng		94
69) Pentachlorophenol	12.49	266	60138	35.48	ng		98
70) Phenanthrene	12.74	178	559774	36.32	ng		99
71) Anthracene	12.81	178	563309	37.25	ng		100
72) Carbazole	13.02	167	532923	36.98	ng		99
73) Di-n-butylphthalate	13.47	149	673137	38.95	ng		98
74) Fluoranthene	14.23	202	626752	39.02	ng		93
76) Benzidine	14.41	184	300545	39.47	ng		97
77) Pyrene	14.50	202	624942	38.38	ng		99
79) Butylbenzylphthalate	15.34	149	311364	43.75	ng		97
80) Benzo(a)anthracene	16.01	228	610686	39.47	ng		99
81) 3,3'-Dichlorobenzidine	15.99	252	239743	43.50	ng		99
82) Chrysene	16.06	228	562633	37.81	ng		99
83) Bis(2-ethylhexyl)phthalate	16.07	149	445473	41.32	ng	#	99
84) Di-n-octyl phthalate	16.89	149	781916	41.18	ng		98
85) Indeno(1,2,3-cd)pyrene	19.21	276	780095	41.14	ng		100
87) Benzo(b)fluoranthene	17.35	252	647786	38.93	ng		99
88) Benzo(k)fluoranthene	17.38	252	574657	35.67	ng	#	96
89) Benzo(a)pyrene	17.75	252	597498	38.99	ng	#	97
90) Dibenzo(a,h)anthracene	19.25	278	639602	39.27	ng		97
91) Benzo(g,h,i)perylene	19.62	276	642599	39.37	ng	#	95

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

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