Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079559.D
Acq On : 29 May 2015 13:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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6/1/2015 4:20:36 PM

Quant Time: May 29 23:12:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70392	20.00	ng		-0.01
21) Naphthalene-d8	8.54	136	289258	20.00	ng		0.00
38) Acenaphthene-d10	10.70	164	142696	20.00	ng		-0.01
63) Phenanthrene-d10	12.53	188	259749	20.00	ng		-0.01
75) Chrysene-d12	15.87	240	249626	20.00	ng		0.03
86) Perylene-d12	17.81	264	258287	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	351133	86.52	ng		0.00
7) Phenol-d6	6.55	99	436871	84.45	ng		-0.01
23) Nitrobenzene-d5	7.66	82	422429	84.42	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	133944	85.46	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	833577	83.34	ng		0.00
78) Terphenyl-d14	14.53	244	879467	82.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	90932	47.10	ng	#	100
3) Pyridine	2.40	79	177076	41.65	ng		98
4) n-Nitrosodimethylamine	2.33	42	89643	42.83	ng		100
6) Aniline	6.55	93	303988	41.40	ng		96
8) 2-Chlorophenol	6.68	128	197562	41.82	ng		93
9) Benzaldehyde	6.40	77	121285	42.62	ng		99
10) Phenol	6.57	94	250627	41.15	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	186531	42.34	ng		92
12) 1,3-Dichlorobenzene	6.88	146	214239m	40.93	ng		
13) 1,4-Dichlorobenzene	6.97	146	221169	41.42	ng		97
14) 1,2-Dichlorobenzene	7.15	146	210165	42.38	ng		98
15) Benzyl Alcohol	7.15	79	160370	42.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	252223	39.11	ng		85
17) 2-Methylphenol	7.31	107	162197	43.70	ng		99
18) Hexachloroethane	7.56	117	76347	41.54	ng		95
19) n-Nitroso-di-n-propylamine	7.48	70	144684	39.75	ng		95
20) 3+4-Methylphenols	7.51	107	213361	41.83	ng		92
22) Acetophenone	7.47	105	274608	42.37	ng	#	94
24) Nitrobenzene	7.68	77	210698	42.72	ng	#	87
25) Isophorone	7.98	82	373051	40.90	ng	#	92
26) 2-Nitrophenol	8.07	139	101555	43.49	ng	#	81
27) 2,4-Dimethylphenol	8.16	122	170523	40.63	ng		97
28) bis(2-Chloroethoxy)methane	8.26	93	226876	40.13	ng		97
29) 2,4-Dichlorophenol	8.38	162	163642	42.56	ng		94
30) 1,2,4-Trichlorobenzene	8.47	180	169579	42.52	ng		96
31) Naphthalene	8.56	128	584386	42.10	ng		99
32) Benzoic acid	8.30	122	104925	40.28	ng		94
33) 4-Chloroaniline	8.65	127	242918	41.88	ng	#	94
34) Hexachlorobutadiene	8.72	225	93296	41.12	ng		97
35) Caprolactam	9.08	113	49479	40.81	ng		90
36) 4-Chloro-3-methylphenol	9.27	107	167948	42.11	ng		91
37) 2-Methylnaphthalene	9.42	142	400693	41.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	165836	41.55	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	27448	34.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	113158	40.60	ng		94
43) 2,4,5-Trichlorophenol	9.83	196	121748	43.89	ng	#	90
45) 1,1'-Biphenyl	10.00	154	456568	40.97	ng		98
46) 2-Chloronaphthalene	10.02	162	359241	40.81	ng		93
47) 2-Nitroaniline	10.16	65	105056	40.14	ng	#	64
48) Acenaphthylene	10.52	152	595758	40.77	ng		99
49) Dimethylphthalate	10.40	163	426820	40.59	ng		99
50) 2,6-Dinitrotoluene	10.47	165	89435	42.58	ng	#	67
51) Acenaphthene	10.74	154	332916	39.85	ng		99
52) 3-Nitroaniline	10.67	138	112255	41.09	ng	#	75
53) 2,4-Dinitrophenol	10.82	184	29446	45.13	ng		90
54) Dibenzofuran	10.95	168	493884	40.08	ng		99
55) 4-Nitrophenol	10.91	139	64550m	42.60	ng		
56) 2,4-Dinitrotoluene	10.97	165	120874	42.91	ng	#	79
57) Fluorene	11.37	166	403831	39.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.12	232	85733	42.46	ng	#	100
59) Diethylphthalate	11.27	149	407968	39.64	ng		96
60) 4-Chlorophenyl-phenylether	11.39	204	181950	41.46	ng	#	81
61) 4-Nitroaniline	11.43	138	107997	42.43	ng		83
62) Azobenzene	11.59	77	416707	41.63	ng		85
64) 4,6-Dinitro-2-methylphenol	11.47	198	53020	41.49	ng		78
65) n-Nitrosodiphenylamine	11.54	169	365240	42.34	ng		98
66) 4-Bromophenyl-phenylether	11.99	248	113506	42.44	ng		93
67) Hexachlorobenzene	12.05	284	131693	43.18	ng		93
68) Atrazine	12.22	200	91870	39.42	ng		97
69) Pentachlorophenol	12.31	266	49963	42.77	ng		98
70) Phenanthrene	12.56	178	601586	42.22	ng		99
71) Anthracene	12.62	178	600526	41.51	ng		99
72) Carbazole	12.83	167	563469	40.45	ng		99
73) Di-n-butylphthalate	13.29	149	660117	42.26	ng		99
74) Fluoranthene	14.03	202	638293	41.77	ng		98
76) Benzidine	14.22	184	300254	56.16	ng		100
77) Pyrene	14.31	202	648940	41.96	ng		100
79) Butylbenzylphthalate	15.18	149	299351	43.04	ng	#	85
80) Benzo(a)anthracene	15.86	228	582486	40.56	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	219237	41.69	ng		98
82) Chrysene	15.91	228	549195	40.24	ng		99
83) Bis(2-ethylhexyl)phthalate	15.95	149	432504	43.41	ng	#	98
84) Di-n-octyl phthalate	16.83	149	748071	43.14	ng		99
85) Indeno(1,2,3-cd)pyrene	19.21	276	730425m	41.60	ng		
87) Benzo(b)fluoranthene	17.30	252	627189	42.58	ng		98
88) Benzo(k)fluoranthene	17.34	252	553687	42.03	ng	#	96
89) Benzo(a)pyrene	17.74	252	564803	43.67	ng		99
90) Dibenzo(a,h)anthracene	19.25	278	593413	43.87	ng		98
91) Benzo(g,h,i)perylene	19.60	276	593542	43.99	ng		95

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

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