Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079454.D
Acq On : 23 May 2015 3:36
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/27/2015 8:17:09 AM

Quant Time: May 23 06:16:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 06:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	57328	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	234909	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	113625	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	213617	20.00	ng		0.00
75) Chrysene-d12	15.91	240	212979	20.00	ng		0.00
86) Perylene-d12	17.61	264	210433	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	271156m	81.42	ng		0.00
7) Phenol-d6	6.63	99	360582	81.91	ng		0.00
23) Nitrobenzene-d5	7.75	82	341333	83.51	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	102983	83.78	ng		0.01
44) 2-Fluorobiphenyl	9.98	172	678158	83.15	ng		0.00
78) Terphenyl-d14	14.63	244	772828	86.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	70630m	48.78	ng		
3) Pyridine	2.57	79	154961m	36.57	ng		
4) n-Nitrosodimethylamine	2.49	42	76090m	41.91	ng		
6) Aniline	6.64	93	254926m	41.03	ng		
8) 2-Chlorophenol	6.79	128	156275	41.37	ng		82
9) Benzaldehyde	6.50	77	100623m	33.93	ng		
10) Phenol	6.65	94	200317	39.23	ng		75
11) bis(2-Chloroethyl)ether	6.74	93	144891	38.70	ng		86
12) 1,3-Dichlorobenzene	6.97	146	174213	41.03	ng	#	95
13) 1,4-Dichlorobenzene	7.07	146	178743	40.91	ng		98
14) 1,2-Dichlorobenzene	7.26	146	169207	41.60	ng		98
15) Benzyl Alcohol	7.24	79	135282m	41.40	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	201826	35.24	ng		91
17) 2-Methylphenol	7.39	107	125059	41.14	ng	#	94
18) Hexachloroethane	7.67	117	62543	41.56	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	117815	39.62	ng		97
20) 3+4-Methylphenols	7.60	107	163486	40.36	ng	#	43
22) Acetophenone	7.56	105	219107	41.28	ng	#	89
24) Nitrobenzene	7.77	77	170675	42.13	ng		92
25) Isophorone	8.08	82	310967	41.04	ng		98
26) 2-Nitrophenol	8.17	139	77726	46.35	ng		94
27) 2,4-Dimethylphenol	8.24	122	146161	43.56	ng		98
28) bis(2-Chloroethoxy)methane	8.35	93	186111	39.84	ng		99
29) 2,4-Dichlorophenol	8.47	162	133350	44.69	ng		94
30) 1,2,4-Trichlorobenzene	8.56	180	136291	41.58	ng		98
31) Naphthalene	8.65	128	471225	42.10	ng		99
32) Benzoic acid	8.38	122	89991m	43.50	ng		
33) 4-Chloroaniline	8.74	127	203348	42.93	ng	#	89
34) Hexachlorobutadiene	8.81	225	77676	41.15	ng		99
35) Caprolactam	9.18	113	40300	41.77	ng		95
36) 4-Chloro-3-methylphenol	9.36	107	134409	42.89	ng		99
37) 2-Methylnaphthalene	9.52	142	324475	41.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	129704	40.53	ng		99
40) Hexachlorocyclopentadiene	9.70	237	46216	28.72	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	95306	43.32	ng		97
43) 2,4,5-Trichlorophenol	9.92	196	91726	41.24	ng	#	87
45) 1,1'-Biphenyl	10.09	154	374265	41.43	ng		96
46) 2-Chloronaphthalene	10.11	162	300843	42.70	ng		95
47) 2-Nitroaniline	10.25	65	87653	42.94	ng		91
48) Acenaphthylene	10.63	152	493546	42.66	ng		98
49) Dimethylphthalate	10.49	163	355992	42.69	ng		98
50) 2,6-Dinitrotoluene	10.56	165	71748	43.60	ng	#	50
51) Acenaphthene	10.83	154	276307	40.05	ng		99
52) 3-Nitroaniline	10.76	138	96198	46.79	ng		89
53) 2,4-Dinitrophenol	10.91	184	20429	43.10	ng	#	61
54) Dibenzofuran	11.05	168	413784	41.52	ng		97
55) 4-Nitrophenol	11.01	139	45822	28.16	ng	#	74
56) 2,4-Dinitrotoluene	11.06	165	98956	45.48	ng		96
57) Fluorene	11.47	166	340275	41.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	68971	37.95	ng		99
59) Diethylphthalate	11.36	149	341207	41.30	ng		98
60) 4-Chlorophenyl-phenylether	11.49	204	151244	41.68	ng		98
61) 4-Nitroaniline	11.52	138	89387	43.46	ng		98
62) Azobenzene	11.68	77	330337	40.58	ng		99
64) 4,6-Dinitro-2-methylphenol	11.57	198	39213	45.13	ng		75
65) n-Nitrosodiphenylamine	11.63	169	298669	41.98	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	96863	43.50	ng		90
67) Hexachlorobenzene	12.15	284	108887	42.79	ng	#	78
68) Atrazine	12.32	200	86385	41.76	ng		93
69) Pentachlorophenol	12.41	266	37902	30.12	ng		96
70) Phenanthrene	12.66	178	505168	42.27	ng		99
71) Anthracene	12.73	178	504165	43.00	ng		99
72) Carbazole	12.94	167	476427	42.64	ng		99
73) Di-n-butylphthalate	13.39	149	571523	42.65	ng		99
74) Fluoranthene	14.14	202	537397	43.16	ng		95
76) Benzidine	14.32	184	286419	49.90	ng		98
77) Pyrene	14.41	202	563881	45.95	ng		99
79) Butylbenzylphthalate	15.25	149	245568	45.77	ng		96
80) Benzo(a)anthracene	15.90	228	492114	42.19	ng		100
81) 3,3'-Dichlorobenzidine	15.89	252	186893	44.99	ng		100
82) Chrysene	15.94	228	474069	42.26	ng		100
83) Bis(2-ethylhexyl)phthalate	15.97	149	359732	44.27	ng		99
84) Di-n-octyl phthalate	16.74	149	601614	42.04	ng		97
85) Indeno(1,2,3-cd)pyrene	18.94	276	608749	42.59	ng		100
87) Benzo(b)fluoranthene	17.18	252	499055	43.33	ng	#	95
88) Benzo(k)fluoranthene	17.20	252	494735m	44.37	ng		
89) Benzo(a)pyrene	17.54	252	467155	44.05	ng	#	98
90) Dibenzo(a,h)anthracene	18.96	278	493035	43.74	ng		99
91) Benzo(g,h,i)perylene	19.33	276	493666	43.70	ng	#	96

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

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