Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081214.D
Acq On : 25 Aug 2015 23:12
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 26 01:35:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	77347	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	301586	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	134916	20.00	ng		-0.01
63) Phenanthrene-d10	11.03	188	224588	20.00	ng		-0.01
75) Chrysene-d12	13.65	240	142581	20.00	ng		-0.01
86) Perylene-d12	14.99	264	134355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	440615	85.68	ng		0.00
7) Phenol-d6	6.20	99	550503	82.05	ng		0.00
23) Nitrobenzene-d5	7.11	82	517296	78.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	82210	70.29	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	793397	77.05	ng		0.00
78) Terphenyl-d14	12.62	244	596047	89.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	97516	40.24	ng	#	89
3) Pyridine	2.54	79	300002	43.86	ng		84
4) n-Nitrosodimethylamine	2.50	42	159395	41.86	ng	#	78
6) Aniline	6.20	93	368285	37.75	ng	#	74
8) 2-Chlorophenol	6.32	128	236555	42.03	ng	#	82
9) Benzaldehyde	6.07	77	174978	40.45	ng		99
10) Phenol	6.21	94	358003	45.18	ng	#	75
11) bis(2-Chloroethyl)ether	6.29	93	262041	43.10	ng		97
12) 1,3-Dichlorobenzene	6.47	146	246169	40.70	ng	#	94
13) 1,4-Dichlorobenzene	6.55	146	243820	40.71	ng		95
14) 1,2-Dichlorobenzene	6.71	146	208364m	37.17	ng		
15) Benzyl Alcohol	6.69	79	209500	38.59	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	469418	39.29	ng		96
17) 2-Methylphenol	6.81	107	183902	38.08	ng		97
18) Hexachloroethane	7.04	117	74714	30.88	ng		95
19) n-Nitroso-di-n-propylamine	6.97	70	189488	40.77	ng		87
20) 3+4-Methylphenols	6.97	107	227293	37.08	ng	#	46
22) Acetophenone	6.96	105	348153	43.97	ng	#	84
24) Nitrobenzene	7.13	77	291486	42.23	ng	#	89
25) Isophorone	7.37	82	496441	40.32	ng		97
26) 2-Nitrophenol	7.44	139	91500	31.87	ng	#	80
27) 2,4-Dimethylphenol	7.50	122	198154	39.02	ng		94
28) bis(2-Chloroethoxy)methane	7.59	93	281171	38.66	ng		100
29) 2,4-Dichlorophenol	7.69	162	179829	42.06	ng		96
30) 1,2,4-Trichlorobenzene	7.76	180	188261	39.62	ng		97
31) Naphthalene	7.84	128	647055	38.49	ng		99
32) Benzoic acid	7.64	122	98070	34.33	ng		94
33) 4-Chloroaniline	7.90	127	250098	35.26	ng		97
34) Hexachlorobutadiene	7.97	225	116603	43.39	ng		98
35) Caprolactam	8.30	113	56972	38.12	ng	#	82
36) 4-Chloro-3-methylphenol	8.40	107	215476	42.29	ng		95
37) 2-Methylnaphthalene	8.53	142	400125	37.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	163463	37.55	ng		99
40) Hexachlorocyclopentadiene	8.69	237	15972	7.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	119695	38.92	ng		95
43) 2,4,5-Trichlorophenol	8.86	196	115395	37.55	ng	#	86
45) 1,1'-Biphenyl	9.00	154	425666	35.82	ng		95
46) 2-Chloronaphthalene	9.02	162	344542	36.09	ng	#	92
47) 2-Nitroaniline	9.12	65	155357	39.76	ng		94
48) Acenaphthylene	9.43	152	642836	37.64	ng		98
49) Dimethylphthalate	9.32	163	450764	40.57	ng		100
50) 2,6-Dinitrotoluene	9.37	165	89726	37.61	ng		93
51) Acenaphthene	9.60	154	358156	35.03	ng		100
52) 3-Nitroaniline	9.53	138	105894	35.47	ng		99
53) 2,4-Dinitrophenol	9.65	184	4781	6.90	ng	#	55
54) Dibenzofuran	9.77	168	525140	38.33	ng		97
55) 4-Nitrophenol	9.70	139	60912	29.05	ng		88
56) 2,4-Dinitrotoluene	9.77	165	96398	30.49	ng		97
57) Fluorene	10.12	166	377734	35.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	85338	35.87	ng		95
59) Diethylphthalate	10.00	149	428032	36.39	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	168535	37.79	ng	#	79
61) 4-Nitroaniline	10.15	138	127479	41.78	ng	#	78
62) Azobenzene	10.26	77	465820	34.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	8825	6.58	ng	#	79
65) n-Nitrosodiphenylamine	10.23	169	320951	40.03	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	98187	44.50	ng	#	81
67) Hexachlorobenzene	10.65	284	92272	41.30	ng	#	87
68) Atrazine	10.77	200	83787	37.51	ng		98
69) Pentachlorophenol	10.85	266	45694	34.08	ng		97
70) Phenanthrene	11.06	178	529624	39.79	ng		100
71) Anthracene	11.11	178	481034	37.14	ng		99
72) Carbazole	11.27	167	456351	36.60	ng		99
73) Di-n-butylphthalate	11.62	149	651104	43.15	ng	#	98
74) Fluoranthene	12.23	202	465913	32.44	ng		92
76) Benzidine	12.37	184	261405	48.53	ng		99
77) Pyrene	12.46	202	476488	41.11	ng		99
79) Butylbenzylphthalate	13.10	149	236237	47.42	ng	#	75
80) Benzo(a)anthracene	13.64	228	400199	41.85	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	131134	42.34	ng		98
82) Chrysene	13.68	228	397732	46.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	307139	48.13	ng	#	96
84) Di-n-octyl phthalate	14.28	149	545822	56.27	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	292524	48.35	ng	#	93
87) Benzo(b)fluoranthene	14.63	252	337172m	35.48	ng		
88) Benzo(k)fluoranthene	14.67	252	359976m	40.65	ng		
89) Benzo(a)pyrene	14.93	252	323769	39.10	ng	#	94
90) Dibenzo(a,h)anthracene	16.17	278	247634	38.38	ng	#	93
91) Benzo(g,h,i)perylene	16.52	276	232745	35.56	ng	#	96

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

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