Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082273.D
Acq On : 14 Oct 2015 00:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:26 PM

Quant Time: Oct 14 02:33:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86510	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	343330	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	165804	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	321109	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	251667	20.00	ng		-0.10
86) Perylene-d12	15.54	264	230736	20.00	ng		-0.23
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	355005	82.82	ng		-0.01
7) Phenol-d6	6.47	99	467319	83.78	ng		0.00
23) Nitrobenzene-d5	7.41	82	433415	84.78	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	124792	80.26	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	837946	83.81	ng		0.00
78) Terphenyl-d14	12.96	244	785993	82.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	80398	37.33	ng		99
3) Pyridine	3.09	79	219230	43.77	ng		100
4) n-Nitrosodimethylamine	3.06	42	89309	42.04	ng		97
6) Aniline	6.49	93	306672	42.64	ng		100
8) 2-Chlorophenol	6.61	128	195828	37.42	ng	#	79
9) Benzaldehyde	6.38	77	125575	44.08	ng		96
10) Phenol	6.48	94	277311	43.12	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	214530	39.45	ng		100
12) 1,3-Dichlorobenzene	6.77	146	244044	40.05	ng		99
13) 1,4-Dichlorobenzene	6.85	146	253457	39.83	ng		99
14) 1,2-Dichlorobenzene	6.99	146	216879	35.89	ng		99
15) Benzyl Alcohol	6.97	79	156755	40.71	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	271223	35.81	ng		99
17) 2-Methylphenol	7.10	107	166113	40.14	ng		98
18) Hexachloroethane	7.34	117	80314	36.87	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	137756	35.17	ng	#	84
20) 3+4-Methylphenols	7.25	107	190698	38.67	ng		92
22) Acetophenone	7.25	105	268277	39.50	ng		99
24) Nitrobenzene	7.42	77	206547	37.32	ng		97
25) Isophorone	7.66	82	384169	37.23	ng		99
26) 2-Nitrophenol	7.74	139	114926	41.59	ng		98
27) 2,4-Dimethylphenol	7.78	122	178311	40.05	ng		91
28) bis(2-Chloroethoxy)methane	7.87	93	250567	41.73	ng		99
29) 2,4-Dichlorophenol	7.98	162	182109	40.92	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	196726	38.35	ng		99
31) Naphthalene	8.14	128	555012	37.29	ng		99
32) Benzoic acid	7.90	122	105173	35.20	ng		96
33) 4-Chloroaniline	8.19	127	249787	40.41	ng		97
34) Hexachlorobutadiene	8.25	225	119782	37.48	ng		97
35) Caprolactam	8.58	113	55273	42.80	ng	#	85
36) 4-Chloro-3-methylphenol	8.69	107	179023	41.14	ng	#	81
37) 2-Methylnaphthalene	8.83	142	421349	40.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	188034	38.13	ng		99
40) Hexachlorocyclopentadiene	8.98	237	29603	18.94	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	127848	39.03	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	140731	39.66	ng	#	93
45) 1,1'-Biphenyl	9.30	154	507529	40.14	ng		95
46) 2-Chloronaphthalene	9.33	162	408417	41.03	ng		98
47) 2-Nitroaniline	9.43	65	126668	46.36	ng	#	77
48) Acenaphthylene	9.74	152	598941	38.63	ng		100
49) Dimethylphthalate	9.60	163	430390	36.86	ng		99
50) 2,6-Dinitrotoluene	9.67	165	93288	37.87	ng	#	81
51) Acenaphthene	9.91	154	338247	36.34	ng		99
52) 3-Nitroaniline	9.84	138	118904	42.73	ng		88
53) 2,4-Dinitrophenol	9.94	184	11539	14.11	ng	#	52
54) Dibenzofuran	10.08	168	495832	38.80	ng		98
55) 4-Nitrophenol	10.00	139	67437	42.93	ng	#	73
56) 2,4-Dinitrotoluene	10.07	165	117372	38.12	ng	#	84
57) Fluorene	10.42	166	384519	36.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	117350	40.48	ng		95
59) Diethylphthalate	10.30	149	419016	38.50	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	193918	40.33	ng	#	81
61) 4-Nitroaniline	10.46	138	124130	45.99	ng		97
62) Azobenzene	10.58	77	414155	38.88	ng		86
64) 4,6-Dinitro-2-methylphenol	10.48	198	25350	14.07	ng		82
65) n-Nitrosodiphenylamine	10.54	169	352718	36.69	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	119118	37.07	ng	#	81
67) Hexachlorobenzene	10.97	284	133049	38.28	ng	#	81
68) Atrazine	11.07	200	122201	40.12	ng		95
69) Pentachlorophenol	11.17	266	69063	38.62	ng		98
70) Phenanthrene	11.39	178	622733	39.56	ng		99
71) Anthracene	11.44	178	642299	39.60	ng		100
72) Carbazole	11.60	167	573259	38.74	ng		99
73) Di-n-butylphthalate	11.93	149	709633	38.88	ng		99
74) Fluoranthene	12.58	202	676905	40.04	ng		98
76) Benzidine	12.71	184	299276	41.04	ng		100
77) Pyrene	12.81	202	672551	45.03	ng		99
79) Butylbenzylphthalate	13.44	149	287594	42.20	ng		88
80) Benzo(a)anthracene	14.02	228	512061	39.11	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	198904	40.02	ng	#	99
82) Chrysene	14.07	228	556081	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	340323	35.00	ng	#	95
84) Di-n-octyl phthalate	14.69	149	584604	35.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	501611	45.74	ng		99
87) Benzo(b)fluoranthene	15.12	252	536990	38.25	ng		100
88) Benzo(k)fluoranthene	15.16	252	408196m	34.60	ng		
89) Benzo(a)pyrene	15.49	252	450887	37.37	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	414853	41.96	ng		99
91) Benzo(g,h,i)perylene	17.42	276	396311	41.26	ng		96

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

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