Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080669.D
Acq On : 25 Jul 2015 14:12
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/27/2015 4:24:23 PM

Quant Time: Jul 27 03:06:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51393	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	179766	20.00	ng		0.01
38) Acenaphthene-d10	9.97	164	92698	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	165241	20.00	ng		0.00
75) Chrysene-d12	14.23	240	187308	20.00	ng		0.07
86) Perylene-d12	15.86	264	230468	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	231619	75.89	ng		0.01
7) Phenol-d6	6.54	99	274695	75.35	ng		0.00
23) Nitrobenzene-d5	7.49	82	287778	80.40	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	72988	87.64	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	470715	78.35	ng		0.00
78) Terphenyl-d14	13.07	244	519761	59.75	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	42768	31.21	ng		93
3) Pyridine	3.24	79	106301	32.88	ng		93
4) n-Nitrosodimethylamine	3.15	42	76606	36.37	ng	#	96
6) Aniline	6.59	93	190300	36.89	ng		93
8) 2-Chlorophenol	6.72	128	120481	35.94	ng	#	81
9) Benzaldehyde	6.48	77	93271	39.17	ng		90
10) Phenol	6.56	94	155298	35.18	ng		90
11) bis(2-Chloroethyl)ether	6.66	93	118218	36.41	ng		93
12) 1,3-Dichlorobenzene	6.88	146	141222m	39.01	ng		
13) 1,4-Dichlorobenzene	6.94	146	133660	35.65	ng		95
14) 1,2-Dichlorobenzene	7.10	146	137725	37.35	ng		96
15) Benzyl Alcohol	7.07	79	122755	40.53	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	7.21	45	201971	36.62	ng		99
17) 2-Methylphenol	7.17	107	92529	34.71	ng		94
18) Hexachloroethane	7.45	117	49613	33.84	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	94171	35.80	ng	#	78
20) 3+4-Methylphenols	7.33	107	137762	39.85	ng	#	73
22) Acetophenone	7.34	105	184438	39.51	ng	#	76
24) Nitrobenzene	7.52	77	135644	38.02	ng	#	75
25) Isophorone	7.76	82	243786	38.83	ng	#	87
26) 2-Nitrophenol	7.84	139	58541	44.97	ng		95
27) 2,4-Dimethylphenol	7.87	122	108454	41.58	ng		94
28) bis(2-Chloroethoxy)methane	7.96	93	136294	37.46	ng		98
29) 2,4-Dichlorophenol	8.08	162	92145	37.04	ng		88
30) 1,2,4-Trichlorobenzene	8.16	180	110403	37.41	ng		96
31) Naphthalene	8.25	128	344532	38.25	ng		98
32) Benzoic acid	7.93	122	75396	48.97	ng		95
33) 4-Chloroaniline	8.28	127	140327	35.47	ng		96
34) Hexachlorobutadiene	8.36	225	73237	35.92	ng		99
35) Caprolactam	8.62	113	29054	40.79	ng	#	71
36) 4-Chloro-3-methylphenol	8.76	107	111806	41.88	ng	#	82
37) 2-Methylnaphthalene	8.93	142	247032	38.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	104505	39.03	ng		98
40) Hexachlorocyclopentadiene	9.09	237	46086	28.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	80766	44.22	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	76454	39.96	ng	#	89
45) 1,1'-Biphenyl	9.40	154	258152	39.86	ng		92
46) 2-Chloronaphthalene	9.42	162	224112	41.37	ng	#	86
47) 2-Nitroaniline	9.50	65	67081	40.39	ng		91
48) Acenaphthylene	9.84	152	393469	42.92	ng		99
49) Dimethylphthalate	9.69	163	248362	37.46	ng		99
50) 2,6-Dinitrotoluene	9.76	165	52637	44.47	ng	#	43
51) Acenaphthene	10.01	154	224469	40.32	ng		98
52) 3-Nitroaniline	9.92	138	60805	43.18	ng		93
53) 2,4-Dinitrophenol	10.02	184	11322	26.07	ng	#	1
54) Dibenzofuran	10.18	168	313300	39.44	ng		99
55) 4-Nitrophenol	10.06	139	42006	37.78	ng	#	61
56) 2,4-Dinitrotoluene	10.16	165	71633	45.78	ng	#	48
57) Fluorene	10.52	166	251246	40.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	61678	40.40	ng		98
59) Diethylphthalate	10.40	149	272350	41.33	ng		99
60) 4-Chlorophenyl-phenylether	10.52	204	111506	40.12	ng		98
61) 4-Nitroaniline	10.52	138	53600	39.12	ng		98
62) Azobenzene	10.67	77	237592	37.66	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	20046	26.38	ng	#	58
65) n-Nitrosodiphenylamine	10.64	169	202441	39.98	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	64483	41.42	ng	#	61
67) Hexachlorobenzene	11.07	284	71563	37.73	ng	#	88
68) Atrazine	11.16	200	59017	40.10	ng		93
69) Pentachlorophenol	11.26	266	46017	48.65	ng		97
70) Phenanthrene	11.48	178	335251	36.76	ng		98
71) Anthracene	11.54	178	372472	42.34	ng		99
72) Carbazole	11.69	167	314393	39.46	ng		98
73) Di-n-butylphthalate	12.03	149	426257	43.18	ng		99
74) Fluoranthene	12.68	202	353437	40.09	ng		97
76) Benzidine	12.81	184	234748	36.87	ng		100
77) Pyrene	12.92	202	361092	30.78	ng		99
79) Butylbenzylphthalate	13.59	149	172860	34.07	ng		99
80) Benzo(a)anthracene	14.21	228	432257	39.33	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	147009	41.14	ng		99
82) Chrysene	14.25	228	398303	38.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.21	149	257857	33.72	ng	#	97
84) Di-n-octyl phthalate	14.96	149	489189	39.72	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.36	276	633407	50.32	ng		99
87) Benzo(b)fluoranthene	15.41	252	551587	39.48	ng	#	98
88) Benzo(k)fluoranthene	15.45	252	387991m	31.01	ng		
89) Benzo(a)pyrene	15.79	252	471611	37.53	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	509142	38.47	ng		98
91) Benzo(g,h,i)perylene	17.80	276	506875	37.71	ng		99

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

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