Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070915\
Data File : BF080402.D
Acq On : 9 Jul 2015 15:42
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2015 8:01:52 AM

Quant Time: Jul 10 01:07:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 00:56:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	42673	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	168875	20.00	ng		0.00
38) Acenaphthene-d10	10.26	164	93738	20.00	ng		0.00
63) Phenanthrene-d10	11.77	188	186814	20.00	ng		0.00
75) Chrysene-d12	14.83	240	199439	20.00	ng		0.00
86) Perylene-d12	16.74	264	191314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	214722	92.16	ng		0.00
7) Phenol-d6	6.81	99	280659	90.87	ng		0.00
23) Nitrobenzene-d5	7.76	82	248166	85.71	ng		0.00
41) 2,4,6-Tribromophenol	11.06	330	72022	73.43	ng		0.00
44) 2-Fluorobiphenyl	9.57	172	477653	68.77	ng		0.00
78) Terphenyl-d14	13.50	244	665096	77.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	45428	41.29	ng		97
3) Pyridine	3.79	79	137462	49.10	ng		99
4) n-Nitrosodimethylamine	3.70	42	64299	48.88	ng		91
6) Aniline	6.85	93	196987	46.06	ng		94
8) 2-Chlorophenol	6.98	128	118995	44.06	ng		89
9) Benzaldehyde	6.74	77	73057	42.53	ng		90
10) Phenol	6.82	94	159803	47.71	ng		85
11) bis(2-Chloroethyl)ether	6.92	93	122222	48.37	ng		88
12) 1,3-Dichlorobenzene	7.14	146	135135m	40.76	ng		
13) 1,4-Dichlorobenzene	7.22	146	149383	48.24	ng		96
14) 1,2-Dichlorobenzene	7.38	146	126230m	40.28	ng		
15) Benzyl Alcohol	7.33	79	110524	46.23	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.47	45	182738	44.73	ng		99
17) 2-Methylphenol	7.44	107	103478	49.43	ng	#	92
18) Hexachloroethane	7.72	117	47875	48.12	ng	#	78
19) n-Nitroso-di-n-propylamine	7.60	70	91706	45.76	ng	#	86
20) 3+4-Methylphenols	7.58	107	131940	45.22	ng		93
22) Acetophenone	7.61	105	164009	42.10	ng	#	91
24) Nitrobenzene	7.78	77	141766	48.74	ng	#	88
25) Isophorone	8.02	82	248387	44.57	ng	#	93
26) 2-Nitrophenol	8.10	139	66900	53.15	ng	#	79
27) 2,4-Dimethylphenol	8.12	122	103661	41.86	ng		94
28) bis(2-Chloroethoxy)methane	8.22	93	154977	44.78	ng		98
29) 2,4-Dichlorophenol	8.34	162	109383	49.75	ng		90
30) 1,2,4-Trichlorobenzene	8.43	180	118221	45.24	ng	#	93
31) Naphthalene	8.51	128	360294m	41.59	ng		
32) Benzoic acid	8.20	122	67131	49.83	ng		95
33) 4-Chloroaniline	8.56	127	152405	44.14	ng	#	92
34) Hexachlorobutadiene	8.64	225	72320	45.49	ng		98
35) Caprolactam	8.90	113	32076	47.24	ng		91
36) 4-Chloro-3-methylphenol	9.02	107	111224	49.03	ng		91
37) 2-Methylnaphthalene	9.21	142	263750	47.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	121604	40.93	ng		97
40) Hexachlorocyclopentadiene	9.37	237	39178	35.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.48	196	82863	42.34	ng		98
43) 2,4,5-Trichlorophenol	9.53	196	78448	34.39	ng	#	90
45) 1,1'-Biphenyl	9.68	154	288072	34.63	ng		96
46) 2-Chloronaphthalene	9.70	162	242465	38.22	ng		93
47) 2-Nitroaniline	9.79	65	66461	37.44	ng	#	66
48) Acenaphthylene	10.12	152	428840	40.61	ng		99
49) Dimethylphthalate	9.96	163	291392	38.72	ng		99
50) 2,6-Dinitrotoluene	10.03	165	59396	37.75	ng	#	71
51) Acenaphthene	10.29	154	256136	40.52	ng		95
52) 3-Nitroaniline	10.20	138	68484	38.63	ng	#	78
53) 2,4-Dinitrophenol	10.30	184	24697	40.27	ng	#	19
54) Dibenzofuran	10.46	168	354602	39.46	ng		94
55) 4-Nitrophenol	10.35	139	46434	35.73	ng		88
56) 2,4-Dinitrotoluene	10.43	165	73940	36.54	ng	#	52
57) Fluorene	10.81	166	276628	35.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.58	232	68940	37.73	ng		93
59) Diethylphthalate	10.67	149	273993	36.45	ng		96
60) 4-Chlorophenyl-phenylether	10.80	204	132891	38.80	ng	#	86
61) 4-Nitroaniline	10.81	138	66736	38.78	ng		83
62) Azobenzene	10.96	77	280259	39.25	ng		87
64) 4,6-Dinitro-2-methylphenol	10.84	198	35781	34.57	ng	#	33
65) n-Nitrosodiphenylamine	10.91	169	239211	40.20	ng		99
66) 4-Bromophenyl-phenylether	11.30	248	79876	37.32	ng	#	87
67) Hexachlorobenzene	11.38	284	84265	37.54	ng	#	88
68) Atrazine	11.44	200	73845	41.69	ng		98
69) Pentachlorophenol	11.56	266	40213	36.23	ng		96
70) Phenanthrene	11.79	178	418937	37.39	ng		100
71) Anthracene	11.85	178	431730	39.29	ng		99
72) Carbazole	12.01	167	411805	40.19	ng		98
73) Di-n-butylphthalate	12.35	149	432074	36.86	ng	#	98
74) Fluoranthene	13.08	202	457138	37.97	ng		97
76) Benzidine	13.21	184	195995	38.74	ng		98
77) Pyrene	13.34	202	487239	40.39	ng		100
79) Butylbenzylphthalate	14.09	149	193612	40.22	ng		96
80) Benzo(a)anthracene	14.82	228	474718	39.50	ng		100
81) 3,3'-Dichlorobenzidine	14.76	252	164263	41.21	ng	#	98
82) Chrysene	14.87	228	443642	39.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.81	149	279320	38.07	ng	#	96
84) Di-n-octyl phthalate	15.67	149	478222	39.46	ng		100
85) Indeno(1,2,3-cd)pyrene	18.51	276	566976	42.88	ng		99
87) Benzo(b)fluoranthene	16.23	252	474952	39.50	ng	#	96
88) Benzo(k)fluoranthene	16.26	252	470520	41.34	ng	#	97
89) Benzo(a)pyrene	16.66	252	450285	40.95	ng	#	98
90) Dibenzo(a,h)anthracene	18.53	278	454195	41.94	ng		99
91) Benzo(g,h,i)perylene	19.04	276	464974	42.34	ng		97

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

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