Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081521.D
Acq On : 8 Sep 2015 14:20
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:57:28 PM

Quant Time: Sep 08 23:37:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 15:49:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48289	20.00	ng		0.00
21) Naphthalene-d8	7.64	136	191189	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	91405	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	186433	20.00	ng		0.00
75) Chrysene-d12	13.45	240	142923	20.00	ng		0.00
86) Perylene-d12	14.75	264	93643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.88	112	248021	79.69	ng		0.00
7) Phenol-d6	6.02	99	338525	82.17	ng		0.00
23) Nitrobenzene-d5	6.92	82	324014	81.77	ng		0.00
41) 2,4,6-Tribromophenol	10.16	330	63299	77.78	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	511267	71.68	ng		0.00
78) Terphenyl-d14	12.42	244	465882	75.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	65056	46.54	ng		88
3) Pyridine	2.19	79	136274	35.35	ng	#	83
4) n-Nitrosodimethylamine	2.16	42	94151	43.97	ng	#	68
6) Aniline	6.01	93	239142	41.11	ng	#	82
8) 2-Chlorophenol	6.14	128	135173	39.41	ng		94
9) Benzaldehyde	5.88	77	102610	39.75	ng	#	78
10) Phenol	6.03	94	205328	42.98	ng	#	55
11) bis(2-Chloroethyl)ether	6.10	93	139257	40.40	ng		88
12) 1,3-Dichlorobenzene	6.28	146	150546	41.08	ng	#	91
13) 1,4-Dichlorobenzene	6.36	146	156452	41.93	ng	#	91
14) 1,2-Dichlorobenzene	6.51	146	126836	37.76	ng	#	84
15) Benzyl Alcohol	6.51	79	127255	37.65	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	285360	43.19	ng		85
17) 2-Methylphenol	6.65	107	117767	43.03	ng	#	76
18) Hexachloroethane	6.86	117	61080	42.08	ng		93
19) n-Nitroso-di-n-propylamine	6.80	70	122826	43.81	ng	#	85
20) 3+4-Methylphenols	6.81	107	151251	40.99	ng		89
22) Acetophenone	6.78	105	197427	37.81	ng	#	72
24) Nitrobenzene	6.95	77	177689	43.18	ng	#	61
25) Isophorone	7.20	82	309860	42.04	ng	#	86
26) 2-Nitrophenol	7.27	139	76781	42.81	ng	#	45
27) 2,4-Dimethylphenol	7.34	122	125714	40.58	ng	#	83
28) bis(2-Chloroethoxy)methane	7.42	93	163184	38.33	ng	#	90
29) 2,4-Dichlorophenol	7.52	162	110397	41.10	ng		95
30) 1,2,4-Trichlorobenzene	7.59	180	123816	42.43	ng		95
31) Naphthalene	7.66	128	374683	36.75	ng		98
32) Benzoic acid	7.48	122	54401	25.84	ng	#	70
33) 4-Chloroaniline	7.72	127	159369	38.32	ng	#	79
34) Hexachlorobutadiene	7.79	225	74054	41.70	ng		98
35) Caprolactam	8.11	113	30084	36.51	ng	#	12
36) 4-Chloro-3-methylphenol	8.23	107	120908	40.21	ng	#	68
37) 2-Methylnaphthalene	8.35	142	281375	42.41	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	110889	38.36	ng		99
40) Hexachlorocyclopentadiene	8.50	237	41860	29.51	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	80535	40.37	ng		100
43) 2,4,5-Trichlorophenol	8.68	196	84388	41.46	ng	#	91
45) 1,1'-Biphenyl	8.82	154	337808	40.17	ng		94
46) 2-Chloronaphthalene	8.83	162	236669	38.97	ng	#	88
47) 2-Nitroaniline	8.95	65	113741	45.95	ng	#	69
48) Acenaphthylene	9.24	152	423806	39.34	ng		98
49) Dimethylphthalate	9.14	163	297140	41.84	ng	#	96
50) 2,6-Dinitrotoluene	9.20	165	57781	35.85	ng		92
51) Acenaphthene	9.42	154	248413	40.53	ng		90
52) 3-Nitroaniline	9.36	138	85468	46.58	ng	#	68
53) 2,4-Dinitrophenol	9.47	184	23923	35.24	ng	#	60
54) Dibenzofuran	9.59	168	356081	39.79	ng		93
55) 4-Nitrophenol	9.55	139	41846m	36.30	ng		
56) 2,4-Dinitrotoluene	9.59	165	74534	36.32	ng	#	15
57) Fluorene	9.92	166	261517	38.51	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	69710	44.86	ng		97
59) Diethylphthalate	9.83	149	308131	41.25	ng		96
60) 4-Chlorophenyl-phenylether	9.93	204	129230	40.83	ng		96
61) 4-Nitroaniline	9.96	138	72406	39.06	ng	#	23
62) Azobenzene	10.08	77	318948	38.40	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.00	198	43028	41.26	ng		91
65) n-Nitrosodiphenylamine	10.04	169	234805	34.61	ng		90
66) 4-Bromophenyl-phenylether	10.41	248	75714	40.16	ng	#	90
67) Hexachlorobenzene	10.47	284	77372	39.26	ng	#	77
68) Atrazine	10.58	200	69895	35.60	ng		81
69) Pentachlorophenol	10.66	266	37656	43.70	ng		98
70) Phenanthrene	10.87	178	423041	40.82	ng		97
71) Anthracene	10.91	178	368809	34.64	ng		98
72) Carbazole	11.08	167	404780	40.51	ng		96
73) Di-n-butylphthalate	11.44	149	516257	43.75	ng	#	98
74) Fluoranthene	12.03	202	402083	35.84	ng		91
76) Benzidine	12.18	184	218826	35.67	ng		98
77) Pyrene	12.26	202	462927	43.73	ng		98
79) Butylbenzylphthalate	12.91	149	194691	42.28	ng		92
80) Benzo(a)anthracene	13.44	228	345072	37.91	ng		97
81) 3,3'-Dichlorobenzidine	13.42	252	101049	32.91	ng	#	95
82) Chrysene	13.47	228	271579	33.29	ng		96
83) Bis(2-ethylhexyl)phthalate	13.47	149	221250	36.41	ng	#	87
84) Di-n-octyl phthalate	14.08	149	329702	32.95	ng	#	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	244777	40.89	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	303503m	45.40	ng		
88) Benzo(k)fluoranthene	14.46	252	203782m	36.74	ng		
89) Benzo(a)pyrene	14.71	252	221001	39.01	ng	#	85
90) Dibenzo(a,h)anthracene	15.84	278	202174	46.18	ng	#	79
91) Benzo(g,h,i)perylene	16.14	276	205279	49.13	ng	#	77

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

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