Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081315.D
Acq On : 1 Sep 2015 21:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:57 PM

Quant Time: Sep 02 02:16:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	57212	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	214645	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	97742	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	198848	20.00	ng		0.00
75) Chrysene-d12	13.50	240	173090	20.00	ng		0.00
86) Perylene-d12	14.80	264	120098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	285807	77.51	ng		0.00
7) Phenol-d6	6.06	99	397965	81.53	ng		0.00
23) Nitrobenzene-d5	6.97	82	357455	80.35	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	73978	85.00	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	638608	83.73	ng		0.00
78) Terphenyl-d14	12.47	244	517197	69.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	66140	39.94	ng		93
3) Pyridine	2.28	79	169719	37.16	ng		95
4) n-Nitrosodimethylamine	2.25	42	99011	39.03	ng	#	76
6) Aniline	6.04	93	267255	38.77	ng	#	73
8) 2-Chlorophenol	6.17	128	160799	39.57	ng		83
9) Benzaldehyde	5.92	77	119611	39.11	ng	#	71
10) Phenol	6.07	94	247273	43.68	ng	#	56
11) bis(2-Chloroethyl)ether	6.14	93	160734	39.36	ng		85
12) 1,3-Dichlorobenzene	6.33	146	164516	37.89	ng	#	95
13) 1,4-Dichlorobenzene	6.41	146	177059	40.05	ng	#	93
14) 1,2-Dichlorobenzene	6.56	146	150941m	37.92	ng		
15) Benzyl Alcohol	6.56	79	164075	40.98	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	294461	37.62	ng		89
17) 2-Methylphenol	6.68	107	133197	41.08	ng	#	79
18) Hexachloroethane	6.90	117	68606	39.89	ng	#	88
19) n-Nitroso-di-n-propylamine	6.83	70	122201	36.79	ng	#	87
20) 3+4-Methylphenols	6.84	107	173707	39.74	ng		88
22) Acetophenone	6.82	105	242411	41.35	ng	#	79
24) Nitrobenzene	6.99	77	192821	41.74	ng	#	77
25) Isophorone	7.23	82	332465	40.18	ng	#	83
26) 2-Nitrophenol	7.30	139	75407	37.45	ng	#	21
27) 2,4-Dimethylphenol	7.37	122	152066	43.72	ng	#	80
28) bis(2-Chloroethoxy)methane	7.46	93	208179	43.55	ng	#	92
29) 2,4-Dichlorophenol	7.55	162	124717	41.35	ng		89
30) 1,2,4-Trichlorobenzene	7.63	180	134259	40.98	ng		98
31) Naphthalene	7.70	128	455620	39.80	ng		98
32) Benzoic acid	7.52	122	95692	39.04	ng	#	58
33) 4-Chloroaniline	7.77	127	198855	42.59	ng	#	89
34) Hexachlorobutadiene	7.83	225	78547	39.39	ng		97
35) Caprolactam	8.15	113	38588	41.72	ng	#	18
36) 4-Chloro-3-methylphenol	8.26	107	139572	41.34	ng	#	68
37) 2-Methylnaphthalene	8.39	142	273778	36.75	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	130122	42.10	ng		97
40) Hexachlorocyclopentadiene	8.55	237	61707	40.68	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	84678	39.69	ng		96
43) 2,4,5-Trichlorophenol	8.72	196	94973m	43.64	ng		
45) 1,1'-Biphenyl	8.86	154	330038	36.70	ng		95
46) 2-Chloronaphthalene	8.88	162	275802	42.47	ng		95
47) 2-Nitroaniline	8.98	65	114281	43.18	ng	#	59
48) Acenaphthylene	9.28	152	424170	36.82	ng		97
49) Dimethylphthalate	9.18	163	302626	39.85	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	76208	44.21	ng	#	68
51) Acenaphthene	9.45	154	235961	36.00	ng		90
52) 3-Nitroaniline	9.39	138	79335	40.43	ng	#	45
53) 2,4-Dinitrophenol	9.50	184	32219	44.38	ng	#	1
54) Dibenzofuran	9.62	168	358031	37.41	ng	#	83
55) 4-Nitrophenol	9.58	139	58769	47.67	ng	#	27
56) 2,4-Dinitrotoluene	9.63	165	90954	41.44	ng	#	95
57) Fluorene	9.96	166	317115	43.67	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	66463	40.00	ng	#	87
59) Diethylphthalate	9.87	149	334726	41.90	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	132802	39.23	ng	#	78
61) 4-Nitroaniline	10.00	138	77109	38.90	ng	#	26
62) Azobenzene	10.12	77	376337	42.37	ng		87
64) 4,6-Dinitro-2-methylphenol	10.03	198	49955	44.92	ng		94
65) n-Nitrosodiphenylamine	10.09	169	277850	38.40	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	73502	36.56	ng	#	73
67) Hexachlorobenzene	10.50	284	77552	36.89	ng	#	78
68) Atrazine	10.63	200	85039	40.61	ng		82
69) Pentachlorophenol	10.71	266	33760	38.13	ng		99
70) Phenanthrene	10.91	178	462363	41.82	ng		97
71) Anthracene	10.96	178	423410	37.28	ng		98
72) Carbazole	11.12	167	394965	37.06	ng	#	95
73) Di-n-butylphthalate	11.47	149	466319	37.05	ng	#	98
74) Fluoranthene	12.08	202	450948	37.68	ng		90
76) Benzidine	12.22	184	259889	34.98	ng		96
77) Pyrene	12.31	202	507572	39.59	ng		98
79) Butylbenzylphthalate	12.96	149	200971	36.04	ng		93
80) Benzo(a)anthracene	13.49	228	438942	39.82	ng		98
81) 3,3'-Dichlorobenzidine	13.46	252	128532	34.57	ng	#	96
82) Chrysene	13.52	228	314512	31.83	ng		94
83) Bis(2-ethylhexyl)phthalate	13.52	149	264809	35.99	ng	#	89
84) Di-n-octyl phthalate	14.13	149	448627	37.03	ng		98
85) Indeno(1,2,3-cd)pyrene	15.89	276	264641	36.50	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	404609m	47.19	ng		
88) Benzo(k)fluoranthene	14.50	252	256634m	36.07	ng		
89) Benzo(a)pyrene	14.75	252	278647	38.35	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	221785	39.50	ng	#	78
91) Benzo(g,h,i)perylene	16.21	276	209787	39.15	ng	#	77

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

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