Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081336.D
Acq On : 2 Sep 2015 7:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:11:12 PM

Quant Time: Sep 02 08:29:09 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	58436	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	221723	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	100474	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	207899	20.00	ng		0.00
75) Chrysene-d12	13.50	240	172426	20.00	ng		0.00
86) Perylene-d12	14.80	264	117254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	298828	79.34	ng		0.00
7) Phenol-d6	6.06	99	414578	83.16	ng		0.00
23) Nitrobenzene-d5	6.97	82	371890	80.92	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	79024	88.33	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	677741	86.44	ng		0.00
78) Terphenyl-d14	12.47	244	529360	71.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	63048	37.27	ng		93
3) Pyridine	2.27	79	193105	41.40	ng		93
4) n-Nitrosodimethylamine	2.24	42	105112	40.56	ng	#	78
6) Aniline	6.04	93	272405	38.69	ng	#	74
8) 2-Chlorophenol	6.17	128	167600	40.38	ng		83
9) Benzaldehyde	5.92	77	122244	39.13	ng	#	71
10) Phenol	6.07	94	253322	43.82	ng	#	62
11) bis(2-Chloroethyl)ether	6.14	93	162363	38.92	ng		85
12) 1,3-Dichlorobenzene	6.32	146	168426	37.98	ng	#	84
13) 1,4-Dichlorobenzene	6.41	146	174719	38.70	ng	#	93
14) 1,2-Dichlorobenzene	6.56	146	165201m	40.64	ng		
15) Benzyl Alcohol	6.56	79	165887	40.56	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	6.70	45	310815	38.87	ng		91
17) 2-Methylphenol	6.68	107	137002	41.37	ng	#	79
18) Hexachloroethane	6.90	117	68820	39.18	ng	#	86
19) n-Nitroso-di-n-propylamine	6.83	70	128916	37.99	ng	#	86
20) 3+4-Methylphenols	6.84	107	176717	39.58	ng		87
22) Acetophenone	6.82	105	245830	40.59	ng	#	80
24) Nitrobenzene	6.99	77	190154	39.84	ng	#	77
25) Isophorone	7.23	82	341390	39.94	ng	#	83
26) 2-Nitrophenol	7.30	139	76892	36.97	ng	#	22
27) 2,4-Dimethylphenol	7.37	122	155773	43.36	ng	#	81
28) bis(2-Chloroethoxy)methane	7.46	93	217269	44.00	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	127206	40.83	ng		92
30) 1,2,4-Trichlorobenzene	7.63	180	133183	39.35	ng		99
31) Naphthalene	7.70	128	483680	40.90	ng		98
32) Benzoic acid	7.52	122	82927	33.16	ng	#	53
33) 4-Chloroaniline	7.77	127	201355	41.75	ng	#	93
34) Hexachlorobutadiene	7.83	225	81986	39.81	ng		98
35) Caprolactam	8.15	113	40997	42.91	ng	#	22
36) 4-Chloro-3-methylphenol	8.26	107	139087	39.89	ng	#	70
37) 2-Methylnaphthalene	8.39	142	277673	36.08	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	135785	42.73	ng		98
40) Hexachlorocyclopentadiene	8.55	237	64457	41.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	88216	40.23	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	98968	44.24	ng	#	92
45) 1,1'-Biphenyl	8.86	154	337549	36.52	ng		95
46) 2-Chloronaphthalene	8.88	162	287494	43.07	ng		96
47) 2-Nitroaniline	8.98	65	118329	43.49	ng	#	61
48) Acenaphthylene	9.28	152	430983	36.39	ng		96
49) Dimethylphthalate	9.18	163	316596	40.56	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	76908	43.41	ng	#	69
51) Acenaphthene	9.45	154	241683	35.87	ng		90
52) 3-Nitroaniline	9.39	138	83882	41.59	ng	#	46
53) 2,4-Dinitrophenol	9.50	184	31405	42.08	ng	#	1
54) Dibenzofuran	9.62	168	368547	37.46	ng	#	83
55) 4-Nitrophenol	9.58	139	60262	47.56	ng	#	39
56) 2,4-Dinitrotoluene	9.63	165	94441	41.86	ng	#	96
57) Fluorene	9.96	166	328006	43.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	68249	39.96	ng	#	88
59) Diethylphthalate	9.87	149	336665	41.00	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	138713	39.87	ng	#	82
61) 4-Nitroaniline	10.00	138	77094	37.83	ng	#	22
62) Azobenzene	10.12	77	401107	43.94	ng		87
64) 4,6-Dinitro-2-methylphenol	10.03	198	51492	44.28	ng		91
65) n-Nitrosodiphenylamine	10.09	169	300327	39.70	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	74148	35.27	ng	#	76
67) Hexachlorobenzene	10.50	284	80646	36.69	ng	#	79
68) Atrazine	10.63	200	89525	40.89	ng		84
69) Pentachlorophenol	10.70	266	36732	39.32	ng		99
70) Phenanthrene	10.91	178	451985	39.11	ng		97
71) Anthracene	10.96	178	452398	38.10	ng		98
72) Carbazole	11.12	167	390863	35.08	ng	#	95
73) Di-n-butylphthalate	11.47	149	489983	37.24	ng	#	98
74) Fluoranthene	12.08	202	453895	36.28	ng		91
76) Benzidine	12.22	184	247532	33.44	ng		96
77) Pyrene	12.31	202	506264	39.64	ng		98
79) Butylbenzylphthalate	12.96	149	215539	38.80	ng		93
80) Benzo(a)anthracene	13.49	228	426178	38.81	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	132453	35.76	ng	#	96
82) Chrysene	13.52	228	327205	33.24	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	277254	37.82	ng	#	89
84) Di-n-octyl phthalate	14.13	149	457522	37.90	ng		97
85) Indeno(1,2,3-cd)pyrene	15.89	276	271257	37.56	ng	#	87
87) Benzo(b)fluoranthene	14.47	252	402579m	48.09	ng		
88) Benzo(k)fluoranthene	14.50	252	229079m	32.98	ng		
89) Benzo(a)pyrene	14.75	252	273576	38.57	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	222149	40.53	ng	#	77
91) Benzo(g,h,i)perylene	16.21	276	213887	40.88	ng	#	78

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

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