Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081786.D
Acq On : 25 Sep 2015 4:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:37:54 PM

Quant Time: Sep 25 07:13:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 07:10:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	148457	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	605011	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	305890	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	556084	20.00	ng		0.00
75) Chrysene-d12	14.12	240	388682	20.00	ng		0.00
86) Perylene-d12	15.58	264	337238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	684909	78.05	ng		0.00
7) Phenol-d6	6.57	99	826548	74.47	ng		0.00
23) Nitrobenzene-d5	7.52	82	713695	77.83	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	222289	83.70	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1278710	68.62	ng		0.00
78) Terphenyl-d14	13.06	244	1263743	74.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	154218	35.50	ng		90
3) Pyridine	3.36	79	437385	35.70	ng		91
4) n-Nitrosodimethylamine	3.33	42	203739	35.23	ng		99
6) Aniline	6.62	93	616178	37.08	ng		92
8) 2-Chlorophenol	6.73	128	362900	37.53	ng		90
9) Benzaldehyde	6.50	77	240941	36.72	ng	#	84
10) Phenol	6.58	94	499209	38.72	ng		69
11) bis(2-Chloroethyl)ether	6.69	93	331013	35.01	ng		96
12) 1,3-Dichlorobenzene	6.89	146	428399	37.44	ng	#	94
13) 1,4-Dichlorobenzene	6.97	146	449552	38.83	ng	#	95
14) 1,2-Dichlorobenzene	7.12	146	363342m	33.73	ng		
15) Benzyl Alcohol	7.09	79	327508	37.41	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.23	45	619973	38.33	ng		88
17) 2-Methylphenol	7.20	107	312773	38.30	ng	#	87
18) Hexachloroethane	7.46	117	141762	37.60	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	295846	39.98	ng	#	79
20) 3+4-Methylphenols	7.35	107	383596	37.38	ng	#	83
22) Acetophenone	7.36	105	459575	34.63	ng	#	74
24) Nitrobenzene	7.54	77	437320	42.75	ng	#	77
25) Isophorone	7.78	82	769206	37.87	ng	#	95
26) 2-Nitrophenol	7.85	139	163276	43.94	ng	#	52
27) 2,4-Dimethylphenol	7.89	122	339602	36.86	ng	#	81
28) bis(2-Chloroethoxy)methane	7.99	93	460183	38.78	ng	#	94
29) 2,4-Dichlorophenol	8.09	162	337530	39.35	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	378519	39.32	ng		99
31) Naphthalene	8.26	128	1048863	37.58	ng		96
32) Benzoic acid	7.98	122	116835	65.13	ng	#	68
33) 4-Chloroaniline	8.31	127	445192	36.34	ng	#	88
34) Hexachlorobutadiene	8.38	225	216454	38.12	ng		99
35) Caprolactam	8.69	113	97595	42.59	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	307183	35.74	ng	#	79
37) 2-Methylnaphthalene	8.95	142	675806	33.98	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	354269	36.29	ng		98
40) Hexachlorocyclopentadiene	9.10	237	150039	35.86	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	247118	38.42	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	238006	37.61	ng	#	93
45) 1,1'-Biphenyl	9.42	154	913303	38.19	ng		94
46) 2-Chloronaphthalene	9.44	162	668583	34.75	ng	#	93
47) 2-Nitroaniline	9.53	65	191072	37.34	ng	#	69
48) Acenaphthylene	9.86	152	1163160	35.72	ng		97
49) Dimethylphthalate	9.71	163	784464	33.70	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	202303	45.03	ng		92
51) Acenaphthene	10.03	154	667627	35.58	ng		88
52) 3-Nitroaniline	9.94	138	200199	41.09	ng	#	60
53) 2,4-Dinitrophenol	10.05	184	30385	53.88	ng	#	59
54) Dibenzofuran	10.19	168	918907	33.38	ng	#	85
55) 4-Nitrophenol	10.09	139	159707	47.53	ng	#	59
56) 2,4-Dinitrotoluene	10.18	165	252896	47.02	ng	#	88
57) Fluorene	10.54	166	678472	32.12	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	195984	40.57	ng		99
59) Diethylphthalate	10.41	149	816630	36.22	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	373061	38.47	ng		97
61) 4-Nitroaniline	10.56	138	186291	39.35	ng	#	45
62) Azobenzene	10.70	77	875140	37.97	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	65389	50.94	ng		97
65) n-Nitrosodiphenylamine	10.65	169	661404	35.27	ng		92
66) 4-Bromophenyl-phenylether	11.03	248	250179	40.41	ng	#	88
67) Hexachlorobenzene	11.09	284	255099	39.49	ng	#	89
68) Atrazine	11.18	200	213116	38.01	ng		83
69) Pentachlorophenol	11.28	266	140172	42.12	ng		98
70) Phenanthrene	11.51	178	1197050	37.65	ng		96
71) Anthracene	11.56	178	1067208	34.84	ng		96
72) Carbazole	11.70	167	991176	34.85	ng	#	94
73) Di-n-butylphthalate	12.04	149	1245420	35.98	ng	#	97
74) Fluoranthene	12.69	202	1122120	35.03	ng		93
76) Benzidine	12.81	184	532189	40.35	ng	#	97
77) Pyrene	12.92	202	1141866	38.97	ng		95
79) Butylbenzylphthalate	13.53	149	506240	43.35	ng	#	78
80) Benzo(a)anthracene	14.10	228	875175	37.13	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	305856	40.86	ng	#	95
82) Chrysene	14.15	228	853798	37.77	ng		95
83) Bis(2-ethylhexyl)phthalate	14.09	149	690932	48.79	ng	#	93
84) Di-n-octyl phthalate	14.71	149	1085016	52.10	ng		95
85) Indeno(1,2,3-cd)pyrene	17.04	276	800937	38.71	ng	#	88
87) Benzo(b)fluoranthene	15.16	252	746659	37.34	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	689974m	35.82	ng		
89) Benzo(a)pyrene	15.52	252	679663	37.64	ng	#	86
90) Dibenzo(a,h)anthracene	17.06	278	670237	35.62	ng	#	83
91) Benzo(g,h,i)perylene	17.49	276	574341	29.61	ng	#	78

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

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