Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082020.D
Acq On : 3 Oct 2015 14:28
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:29 PM

Quant Time: Oct 05 01:32:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114424	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	449653	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	226689	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	480951	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	450455	20.00	ng		-0.03
86) Perylene-d12	15.54	264	338974	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	475835	75.49	ng		-0.04
7) Phenol-d6	6.51	99	573527	72.31	ng		-0.05
23) Nitrobenzene-d5	7.46	82	561583	83.25	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	187748	81.78	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1076759	78.27	ng		-0.05
78) Terphenyl-d14	13.02	244	1124631	79.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	108477	39.57	ng		84
3) Pyridine	3.19	79	275070	38.54	ng		86
4) n-Nitrosodimethylamine	3.15	42	114471	35.31	ng		98
6) Aniline	6.55	93	396583	37.22	ng	#	89
8) 2-Chlorophenol	6.67	128	260161	37.38	ng		94
9) Benzaldehyde	6.43	77	155433	29.93	ng	#	80
10) Phenol	6.53	94	314638	35.36	ng	#	66
11) bis(2-Chloroethyl)ether	6.63	93	279884	40.56	ng		92
12) 1,3-Dichlorobenzene	6.82	146	304676m	37.06	ng		
13) 1,4-Dichlorobenzene	6.90	146	325060m	37.86	ng		
14) 1,2-Dichlorobenzene	7.06	146	295463	38.62	ng		99
15) Benzyl Alcohol	7.03	79	196935	34.40	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343566	35.22	ng		82
17) 2-Methylphenol	7.14	107	223562	39.61	ng	#	86
18) Hexachloroethane	7.39	117	100773	37.49	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	173098	35.91	ng	#	78
20) 3+4-Methylphenols	7.30	107	260886	36.60	ng	#	47
22) Acetophenone	7.30	105	359118	39.06	ng	#	80
24) Nitrobenzene	7.47	77	277218	37.85	ng	#	67
25) Isophorone	7.71	82	508858	38.06	ng	#	91
26) 2-Nitrophenol	7.79	139	153351	43.62	ng	#	79
27) 2,4-Dimethylphenol	7.83	122	246830	39.91	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	307667	38.75	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	238387	39.75	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	258031	38.54	ng		97
31) Naphthalene	8.19	128	706335	35.45	ng		97
32) Benzoic acid	7.94	122	132051	37.57	ng	#	69
33) 4-Chloroaniline	8.25	127	352681	40.94	ng	#	93
34) Hexachlorobutadiene	8.31	225	148873	37.60	ng		97
35) Caprolactam	8.63	113	69340	41.76	ng	#	79
36) 4-Chloro-3-methylphenol	8.73	107	256716	43.77	ng		87
37) 2-Methylnaphthalene	8.89	142	531874	39.11	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	259611	37.30	ng		98
40) Hexachlorocyclopentadiene	9.04	237	128742	35.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	171037	35.85	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	204454	41.67	ng		96
45) 1,1'-Biphenyl	9.36	154	691621	39.55	ng		94
46) 2-Chloronaphthalene	9.38	162	537286	39.13	ng		95
47) 2-Nitroaniline	9.49	65	171792	42.62	ng		90
48) Acenaphthylene	9.79	152	793908	36.12	ng		96
49) Dimethylphthalate	9.67	163	641599	41.00	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	138328	40.72	ng	#	69
51) Acenaphthene	9.97	154	504357	38.64	ng		90
52) 3-Nitroaniline	9.90	138	166680	42.41	ng	#	69
53) 2,4-Dinitrophenol	10.00	184	54506	46.40	ng	#	53
54) Dibenzofuran	10.15	168	703494	38.14	ng		95
55) 4-Nitrophenol	10.06	139	108567	38.23	ng	#	68
56) 2,4-Dinitrotoluene	10.13	165	183322	42.33	ng	#	74
57) Fluorene	10.49	166	580395	43.95	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	167919m	43.15	ng		
59) Diethylphthalate	10.37	149	626209	42.84	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	274465	40.64	ng		93
61) 4-Nitroaniline	10.53	138	173701	44.08	ng	#	63
62) Azobenzene	10.64	77	587019	41.15	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	87965	41.63	ng		94
65) n-Nitrosodiphenylamine	10.61	169	548687	37.71	ng		93
66) 4-Bromophenyl-phenylether	10.97	248	183515	37.84	ng		98
67) Hexachlorobenzene	11.03	284	178481	32.61	ng	#	84
68) Atrazine	11.13	200	170735	37.81	ng		83
69) Pentachlorophenol	11.22	266	113639	36.44	ng		99
70) Phenanthrene	11.45	178	884727	37.96	ng		96
71) Anthracene	11.51	178	969353	39.65	ng		97
72) Carbazole	11.66	167	861252	38.93	ng		94
73) Di-n-butylphthalate	11.99	149	917527	40.59	ng	#	98
74) Fluoranthene	12.64	202	937025	36.37	ng		91
76) Benzidine	12.78	184	513325	37.82	ng	#	96
77) Pyrene	12.87	202	945942	35.15	ng		95
79) Butylbenzylphthalate	13.50	149	443715	43.82	ng		95
80) Benzo(a)anthracene	14.07	228	923567	38.08	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	318776	38.91	ng	#	94
82) Chrysene	14.10	228	807890	34.00	ng		94
83) Bis(2-ethylhexyl)phthalate	14.06	149	564455	44.44	ng	#	93
84) Di-n-octyl phthalate	14.68	149	953123	46.11	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	762080	40.16	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	848517	43.84	ng	#	88
88) Benzo(k)fluoranthene	15.14	252	634272m	35.76	ng		
89) Benzo(a)pyrene	15.48	252	680771	40.55	ng	#	86
90) Dibenzo(a,h)anthracene	17.02	278	629498	44.69	ng	#	79
91) Benzo(g,h,i)perylene	17.44	276	629913	43.64	ng	#	76

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

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