Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082275.D
Acq On : 14 Oct 2015 12:16
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/15/2015 4:55:34 PM

Quant Time: Oct 15 01:42:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	95701	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	378557	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	198172	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	382221	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	362362	20.00	ng		0.11
86) Perylene-d12	15.74	264	312829	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	360219	75.97	ng		-0.02
7) Phenol-d6	6.47	99	490402	79.47	ng		-0.01
23) Nitrobenzene-d5	7.39	82	438459	77.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	146654	78.91	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	961442	80.46	ng		-0.01
78) Terphenyl-d14	12.98	244	1051747	76.91	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	83261	34.95	ng		99
3) Pyridine	3.07	79	227540	41.06	ng		100
4) n-Nitrosodimethylamine	3.04	42	94819	40.35	ng		99
6) Aniline	6.49	93	328603	41.30	ng		97
8) 2-Chlorophenol	6.61	128	217899	37.64	ng		86
9) Benzaldehyde	6.38	77	131978	41.88	ng		90
10) Phenol	6.48	94	290499	40.83	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	212057	35.25	ng		89
12) 1,3-Dichlorobenzene	6.77	146	255949m	37.97	ng		
13) 1,4-Dichlorobenzene	6.85	146	260269	36.97	ng		96
14) 1,2-Dichlorobenzene	6.99	146	247506	37.02	ng		95
15) Benzyl Alcohol	6.97	79	166185	39.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	316502	37.78	ng		99
17) 2-Methylphenol	7.09	107	173383	37.88	ng		98
18) Hexachloroethane	7.34	117	89201	37.02	ng	#	87
19) n-Nitroso-di-n-propylamine	7.25	70	145064	33.48	ng	#	86
20) 3+4-Methylphenols	7.25	107	213530	39.15	ng		99
22) Acetophenone	7.25	105	302519	40.40	ng		97
24) Nitrobenzene	7.42	77	237545	38.93	ng		97
25) Isophorone	7.66	82	447962	39.37	ng		99
26) 2-Nitrophenol	7.74	139	125582	41.22	ng		92
27) 2,4-Dimethylphenol	7.77	122	188024	38.30	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	270145	40.81	ng		99
29) 2,4-Dichlorophenol	7.98	162	204924	41.76	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	222567	39.35	ng		99
31) Naphthalene	8.14	128	637183	38.83	ng		100
32) Benzoic acid	7.89	122	72117	21.89	ng		93
33) 4-Chloroaniline	8.19	127	285121	41.84	ng		98
34) Hexachlorobutadiene	8.25	225	135047	38.32	ng		98
35) Caprolactam	8.58	113	62808	44.10	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	193046	40.23	ng		98
37) 2-Methylnaphthalene	8.83	142	457231	40.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	216601	36.75	ng		100
40) Hexachlorocyclopentadiene	8.98	237	68251	28.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	145399	37.14	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	164586	38.81	ng		98
45) 1,1'-Biphenyl	9.29	154	521712	34.52	ng		100
46) 2-Chloronaphthalene	9.33	162	452669	38.05	ng		100
47) 2-Nitroaniline	9.43	65	139780	42.80	ng	#	66
48) Acenaphthylene	9.74	152	706456	38.12	ng		99
49) Dimethylphthalate	9.60	163	514777	36.89	ng		100
50) 2,6-Dinitrotoluene	9.67	165	116929	39.71	ng	#	86
51) Acenaphthene	9.91	154	423812	38.10	ng		99
52) 3-Nitroaniline	9.84	138	131324	39.48	ng		93
53) 2,4-Dinitrophenol	9.94	184	38566	27.96	ng	#	85
54) Dibenzofuran	10.08	168	583344	38.19	ng		100
55) 4-Nitrophenol	10.00	139	77295	41.51	ng	#	79
56) 2,4-Dinitrotoluene	10.07	165	137385	37.33	ng	#	87
57) Fluorene	10.42	166	455784	36.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131826	38.04	ng		95
59) Diethylphthalate	10.30	149	494341	38.00	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	217713	37.89	ng	#	80
61) 4-Nitroaniline	10.46	138	132263	41.00	ng		95
62) Azobenzene	10.57	77	492848	38.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	71696	33.43	ng		79
65) n-Nitrosodiphenylamine	10.54	169	411387	35.95	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	142662	37.30	ng	#	85
67) Hexachlorobenzene	10.97	284	166258	40.19	ng	#	86
68) Atrazine	11.07	200	149888	41.34	ng		98
69) Pentachlorophenol	11.17	266	80803	37.96	ng		98
70) Phenanthrene	11.39	178	730740	39.00	ng		99
71) Anthracene	11.44	178	756735	39.20	ng		99
72) Carbazole	11.60	167	693725	39.39	ng		99
73) Di-n-butylphthalate	11.93	149	905171	41.66	ng		99
74) Fluoranthene	12.58	202	805802	40.05	ng		97
76) Benzidine	12.72	184	246668	23.49	ng		99
77) Pyrene	12.82	202	790928	36.78	ng		99
79) Butylbenzylphthalate	13.49	149	364235	37.11	ng		98
80) Benzo(a)anthracene	14.12	228	720616	38.22	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	280601	39.21	ng		99
82) Chrysene	14.16	228	772182	38.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	490438	35.03	ng		99
84) Di-n-octyl phthalate	14.84	149	835697	34.76	ng		100
85) Indeno(1,2,3-cd)pyrene	17.19	276	619092m	39.21	ng		
87) Benzo(b)fluoranthene	15.30	252	760926	39.98	ng		100
88) Benzo(k)fluoranthene	15.34	252	565709m	35.36	ng		
89) Benzo(a)pyrene	15.67	252	628545	38.43	ng		99
90) Dibenzo(a,h)anthracene	17.21	278	518328	38.67	ng		98
91) Benzo(g,h,i)perylene	17.62	276	503570	38.67	ng		99

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

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