Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082236.D
Acq On : 13 Oct 2015 1:27
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:03 PM

Quant Time: Oct 13 06:27:57 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	6.83	152	72865	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	291235	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	146985	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	304605	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	304324	20.00	ng		0.00
86) Perylene-d12	15.44	264	255092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	290827	80.55	ng		-0.01
7) Phenol-d6	6.47	99	369497	78.65	ng		-0.01
23) Nitrobenzene-d5	7.41	82	345628	79.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	117540	85.27	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	702935	79.31	ng		-0.01
78) Terphenyl-d14	12.95	244	763897	66.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	69994	38.59	ng		95
3) Pyridine	3.09	79	178607	42.33	ng		99
4) n-Nitrosodimethylamine	3.05	42	70359	39.32	ng		97
6) Aniline	6.49	93	246210	40.65	ng	#	82
8) 2-Chlorophenol	6.62	128	178109	40.41	ng		94
9) Benzaldehyde	6.38	77	95793	39.93	ng		95
10) Phenol	6.48	94	195576	36.10	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	169755	37.06	ng		96
12) 1,3-Dichlorobenzene	6.77	146	191267	37.26	ng		96
13) 1,4-Dichlorobenzene	6.85	146	200597	37.42	ng		96
14) 1,2-Dichlorobenzene	7.01	146	195886m	38.49	ng		
15) Benzyl Alcohol	6.98	79	137376	42.36	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	241432	37.85	ng		98
17) 2-Methylphenol	7.10	107	140945	40.44	ng		98
18) Hexachloroethane	7.35	117	65616	35.76	ng	#	73
19) n-Nitroso-di-n-propylamine	7.26	70	124667	37.78	ng		99
20) 3+4-Methylphenols	7.25	107	169676	40.85	ng	#	82
22) Acetophenone	7.25	105	221363	38.42	ng		98
24) Nitrobenzene	7.43	77	179674	38.28	ng	#	82
25) Isophorone	7.66	82	326923	37.35	ng		97
26) 2-Nitrophenol	7.74	139	94335	40.25	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	155727	41.24	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	200507	39.37	ng		99
29) 2,4-Dichlorophenol	7.98	162	146724	38.87	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	163571	37.59	ng		98
31) Naphthalene	8.15	128	486880	38.57	ng		99
32) Benzoic acid	7.90	122	90782	35.82	ng		97
33) 4-Chloroaniline	8.19	127	209750	40.01	ng		96
34) Hexachlorobutadiene	8.26	225	95808	35.34	ng		96
35) Caprolactam	8.57	113	46783	42.70	ng	#	76
36) 4-Chloro-3-methylphenol	8.69	107	157722	42.72	ng		88
37) 2-Methylnaphthalene	8.83	142	345692	39.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	167000	38.20	ng		97
40) Hexachlorocyclopentadiene	8.98	237	59318	32.33	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	114954	39.59	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	125177	39.79	ng	#	91
45) 1,1'-Biphenyl	9.30	154	453566	40.47	ng		96
46) 2-Chloronaphthalene	9.33	162	340377	38.58	ng		97
47) 2-Nitroaniline	9.43	65	105509	43.56	ng	#	82
48) Acenaphthylene	9.74	152	522977	38.05	ng		100
49) Dimethylphthalate	9.60	163	390548	37.73	ng		99
50) 2,6-Dinitrotoluene	9.67	165	85224	39.02	ng	#	78
51) Acenaphthene	9.91	154	321881	39.01	ng		99
52) 3-Nitroaniline	9.84	138	104873	42.51	ng		85
53) 2,4-Dinitrophenol	9.95	184	37744	34.85	ng		91
54) Dibenzofuran	10.08	168	441007	38.93	ng		97
55) 4-Nitrophenol	10.01	139	59532	42.78	ng		94
56) 2,4-Dinitrotoluene	10.07	165	114948	42.11	ng		87
57) Fluorene	10.42	166	364823	39.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110398	42.95	ng		92
59) Diethylphthalate	10.30	149	388036	40.22	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	172916	40.57	ng	#	82
61) 4-Nitroaniline	10.46	138	108705	45.43	ng		96
62) Azobenzene	10.58	77	378887	40.13	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	63276	37.02	ng	#	69
65) n-Nitrosodiphenylamine	10.54	169	328935	36.07	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	117147	38.43	ng	#	81
67) Hexachlorobenzene	10.97	284	122873	37.27	ng	#	81
68) Atrazine	11.07	200	121224	41.96	ng		95
69) Pentachlorophenol	11.17	266	65546	38.64	ng		97
70) Phenanthrene	11.39	178	586443	39.28	ng		99
71) Anthracene	11.44	178	611532	39.75	ng		100
72) Carbazole	11.60	167	568221	40.49	ng		99
73) Di-n-butylphthalate	11.93	149	667359	38.54	ng	#	98
74) Fluoranthene	12.57	202	646433	40.31	ng		96
76) Benzidine	12.71	184	325801	36.94	ng		99
77) Pyrene	12.81	202	687436	38.06	ng		98
79) Butylbenzylphthalate	13.43	149	313977	38.10	ng		90
80) Benzo(a)anthracene	14.00	228	600014	37.89	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	230516	38.35	ng	#	98
82) Chrysene	14.04	228	622932	37.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	395721	33.65	ng	#	95
84) Di-n-octyl phthalate	14.60	149	674483	33.40	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	540230	40.74	ng		99
87) Benzo(b)fluoranthene	15.03	252	528115	34.03	ng		98
88) Benzo(k)fluoranthene	15.05	252	551978m	42.31	ng		
89) Benzo(a)pyrene	15.38	252	498301	37.36	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	442984	40.53	ng		97
91) Benzo(g,h,i)perylene	17.28	276	433085	40.79	ng		98

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

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