Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082052.D
Acq On : 5 Oct 2015 18:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:54:03 PM

Quant Time: Oct 06 05:04:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	118470	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	472254	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	234153	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	447802	20.00	ng		0.00
75) Chrysene-d12	14.06	240	392574	20.00	ng		0.00
86) Perylene-d12	15.51	264	342066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	496024	76.01	ng		0.00
7) Phenol-d6	6.51	99	609073	74.17	ng		0.00
23) Nitrobenzene-d5	7.46	82	564815	79.73	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	171965	72.52	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1072079	74.86	ng		0.00
78) Terphenyl-d14	13.01	244	1140334	97.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	113608	40.03	ng		84
3) Pyridine	3.23	79	300347	40.65	ng		87
4) n-Nitrosodimethylamine	3.21	42	119905	35.73	ng		95
6) Aniline	6.55	93	410845	37.24	ng	#	89
8) 2-Chlorophenol	6.66	128	274044	38.03	ng		85
9) Benzaldehyde	6.43	77	167711	31.19	ng	#	81
10) Phenol	6.53	94	347075	37.68	ng		68
11) bis(2-Chloroethyl)ether	6.63	93	284084	39.77	ng		88
12) 1,3-Dichlorobenzene	6.82	146	327328	38.45	ng	#	94
13) 1,4-Dichlorobenzene	6.90	146	346484	38.98	ng	#	95
14) 1,2-Dichlorobenzene	7.05	146	298453m	37.68	ng		
15) Benzyl Alcohol	7.03	79	206475	34.83	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	364203	36.06	ng		81
17) 2-Methylphenol	7.14	107	230815	39.50	ng	#	86
18) Hexachloroethane	7.39	117	110687	39.78	ng	#	84
19) n-Nitroso-di-n-propylamine	7.30	70	182042	36.47	ng	#	77
20) 3+4-Methylphenols	7.29	107	261902	35.49	ng	#	72
22) Acetophenone	7.30	105	371489	38.47	ng	#	82
24) Nitrobenzene	7.47	77	298782	38.84	ng	#	69
25) Isophorone	7.71	82	530010	37.75	ng	#	92
26) 2-Nitrophenol	7.79	139	160874	43.57	ng	#	84
27) 2,4-Dimethylphenol	7.83	122	258502	39.79	ng	#	84
28) bis(2-Chloroethoxy)methane	7.93	93	300415	36.03	ng		96
29) 2,4-Dichlorophenol	8.03	162	244496	38.82	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	280756	39.92	ng		99
31) Naphthalene	8.19	128	776713	37.12	ng		97
32) Benzoic acid	7.95	122	158486	41.89	ng	#	73
33) 4-Chloroaniline	8.25	127	348730	38.54	ng	#	96
34) Hexachlorobutadiene	8.31	225	166460	40.02	ng		98
35) Caprolactam	8.63	113	71880	41.22	ng		87
36) 4-Chloro-3-methylphenol	8.73	107	251113	40.77	ng		93
37) 2-Methylnaphthalene	8.88	142	540103	37.81	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	280706	39.05	ng		98
40) Hexachlorocyclopentadiene	9.04	237	132696	35.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	195827	39.74	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	189948	37.48	ng	#	95
45) 1,1'-Biphenyl	9.35	154	640297	35.44	ng		93
46) 2-Chloronaphthalene	9.37	162	525695	37.06	ng	#	93
47) 2-Nitroaniline	9.47	65	157692	37.87	ng	#	74
48) Acenaphthylene	9.79	152	886628	39.05	ng		96
49) Dimethylphthalate	9.66	163	623641	38.59	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	134389	38.30	ng	#	86
51) Acenaphthene	9.97	154	540708	40.11	ng		88
52) 3-Nitroaniline	9.90	138	163212	40.20	ng	#	93
53) 2,4-Dinitrophenol	10.00	184	66341	51.52	ng	#	80
54) Dibenzofuran	10.14	168	715434	37.55	ng	#	90
55) 4-Nitrophenol	10.05	139	106808	36.41	ng	#	52
56) 2,4-Dinitrotoluene	10.13	165	191038	42.71	ng	#	99
57) Fluorene	10.48	166	587474	43.02	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	169491	42.16	ng		92
59) Diethylphthalate	10.35	149	591361	39.17	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	256335	36.75	ng	#	87
61) 4-Nitroaniline	10.51	138	167876	41.24	ng	#	65
62) Azobenzene	10.63	77	546641	37.10	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	95030	47.00	ng		98
65) n-Nitrosodiphenylamine	10.59	169	530856	39.18	ng		91
66) 4-Bromophenyl-phenylether	10.96	248	169734	37.59	ng		93
67) Hexachlorobenzene	11.03	284	178799	35.09	ng	#	74
68) Atrazine	11.12	200	167459	39.83	ng		82
69) Pentachlorophenol	11.22	266	109438	37.69	ng		99
70) Phenanthrene	11.44	178	819289	37.75	ng		96
71) Anthracene	11.50	178	906951	39.85	ng		97
72) Carbazole	11.65	167	797139	38.70	ng		95
73) Di-n-butylphthalate	11.98	149	874975	41.60	ng	#	98
74) Fluoranthene	12.63	202	899526	37.50	ng		90
76) Benzidine	12.75	184	487988	41.26	ng		97
77) Pyrene	12.86	202	865645m	36.91	ng		
79) Butylbenzylphthalate	13.48	149	366692	41.55	ng	#	87
80) Benzo(a)anthracene	14.05	228	817814	38.69	ng		96
81) 3,3'-Dichlorobenzidine	14.01	252	297577	41.68	ng	#	96
82) Chrysene	14.09	228	843374	46.52	ng		95
83) Bis(2-ethylhexyl)phthalate	14.04	149	511478	46.20	ng	#	94
84) Di-n-octyl phthalate	14.65	149	842009	46.74	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	643456	38.91	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	676844	34.66	ng	#	87
88) Benzo(k)fluoranthene	15.12	252	818802m	45.74	ng		
89) Benzo(a)pyrene	15.45	252	679814	40.13	ng	#	83
90) Dibenzo(a,h)anthracene	16.96	278	530986	37.36	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	509078	34.95	ng	#	77

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

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