Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082099.D
Acq On : 6 Oct 2015 22:45
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:52:21 PM

Quant Time: Oct 07 07:05:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	98000	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	378606	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	185204	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	296248	20.00	ng		0.00
75) Chrysene-d12	14.06	240	252878	20.00	ng		-0.01
86) Perylene-d12	15.51	264	207876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	413845	76.66	ng		0.00
7) Phenol-d6	6.51	99	520185	76.58	ng		0.00
23) Nitrobenzene-d5	7.45	82	455816	80.25	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	120880	64.45	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	877365	78.01	ng		0.00
78) Terphenyl-d14	13.01	244	711095	93.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	89922	38.30	ng		86
3) Pyridine	3.20	79	245151	40.11	ng		86
4) n-Nitrosodimethylamine	3.17	42	96947	34.92	ng		98
6) Aniline	6.55	93	342115	37.49	ng	#	90
8) 2-Chlorophenol	6.66	128	225263	37.79	ng		83
9) Benzaldehyde	6.43	77	148834	33.46	ng	#	85
10) Phenol	6.54	94	288299	37.83	ng	#	58
11) bis(2-Chloroethyl)ether	6.63	93	233421	39.50	ng		88
12) 1,3-Dichlorobenzene	6.82	146	272365	38.68	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	288583	39.25	ng	#	94
14) 1,2-Dichlorobenzene	7.05	146	236538m	36.10	ng		
15) Benzyl Alcohol	7.03	79	177587	36.22	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	314197	37.61	ng		83
17) 2-Methylphenol	7.14	107	182002	37.66	ng	#	86
18) Hexachloroethane	7.39	117	78212	33.98	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	153730	37.23	ng	#	76
20) 3+4-Methylphenols	7.30	107	232758	38.13	ng	#	57
22) Acetophenone	7.30	105	309181	39.94	ng	#	81
24) Nitrobenzene	7.47	77	238443	38.66	ng	#	68
25) Isophorone	7.71	82	440900	39.17	ng	#	92
26) 2-Nitrophenol	7.79	139	126028	42.57	ng	#	88
27) 2,4-Dimethylphenol	7.83	122	210935	40.50	ng	#	79
28) bis(2-Chloroethoxy)methane	7.92	93	250344	37.45	ng	#	92
29) 2,4-Dichlorophenol	8.03	162	208270	41.24	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	225331	39.97	ng		99
31) Naphthalene	8.19	128	620825	37.01	ng		97
32) Benzoic acid	7.94	122	125599	41.49	ng	#	70
33) 4-Chloroaniline	8.25	127	283748	39.12	ng	#	94
34) Hexachlorobutadiene	8.31	225	141805	42.53	ng		99
35) Caprolactam	8.63	113	60449	43.24	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	208956	42.32	ng		89
37) 2-Methylnaphthalene	8.89	142	443543	38.73	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	223668	39.34	ng	#	98
40) Hexachlorocyclopentadiene	9.04	237	11883	4.06	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	149388	38.32	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	150216	37.47	ng	#	89
45) 1,1'-Biphenyl	9.35	154	498855	34.91	ng		95
46) 2-Chloronaphthalene	9.38	162	415931	37.07	ng		96
47) 2-Nitroaniline	9.47	65	122610	37.23	ng	#	73
48) Acenaphthylene	9.79	152	693370	38.61	ng		96
49) Dimethylphthalate	9.66	163	523151	40.92	ng	#	98
50) 2,6-Dinitrotoluene	9.71	165	101232	36.47	ng	#	50
51) Acenaphthene	9.97	154	393741	36.93	ng		88
52) 3-Nitroaniline	9.89	138	123605	38.49	ng	#	61
53) 2,4-Dinitrophenol	10.00	184	6697	10.61	ng	#	52
54) Dibenzofuran	10.14	168	577557	38.33	ng	#	92
55) 4-Nitrophenol	10.05	139	70569	30.42	ng	#	48
56) 2,4-Dinitrotoluene	10.13	165	136207	38.50	ng	#	97
57) Fluorene	10.48	166	451889	41.78	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	118161	37.16	ng		92
59) Diethylphthalate	10.35	149	487521	40.83	ng		96
60) 4-Chlorophenyl-phenylether	10.47	204	203599	36.90	ng	#	87
61) 4-Nitroaniline	10.50	138	118253	36.73	ng	#	50
62) Azobenzene	10.63	77	429148	36.82	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	14632	13.69	ng		93
65) n-Nitrosodiphenylamine	10.59	169	409648	45.70	ng		93
66) 4-Bromophenyl-phenylether	10.96	248	132316	44.30	ng		99
67) Hexachlorobenzene	11.03	284	127251	37.75	ng	#	76
68) Atrazine	11.12	200	118433	42.59	ng		84
69) Pentachlorophenol	11.22	266	65605	34.16	ng		98
70) Phenanthrene	11.44	178	559657	39.04	ng		96
71) Anthracene	11.50	178	614546	40.81	ng		98
72) Carbazole	11.65	167	505681	37.11	ng		95
73) Di-n-butylphthalate	11.98	149	691661	49.98	ng	#	99
74) Fluoranthene	12.63	202	548924	34.59	ng		91
76) Benzidine	12.75	184	294057	38.59	ng		98
77) Pyrene	12.86	202	542431	35.91	ng		96
79) Butylbenzylphthalate	13.48	149	245756	43.23	ng		91
80) Benzo(a)anthracene	14.05	228	508932	37.37	ng		95
81) 3,3'-Dichlorobenzidine	14.01	252	205561	44.70	ng	#	94
82) Chrysene	14.09	228	519113	42.46	ng		96
83) Bis(2-ethylhexyl)phthalate	14.04	149	354245	49.68	ng	#	94
84) Di-n-octyl phthalate	14.64	149	577516	49.77	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	385657	36.20	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	554504m	46.72	ng		
88) Benzo(k)fluoranthene	15.12	252	363013m	33.37	ng		
89) Benzo(a)pyrene	15.45	252	413491	40.16	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	320474	37.10	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	293247	33.13	ng	#	78

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

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