Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081233.D
Acq On : 27 Aug 2015 1:54
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:53 PM

Quant Time: Aug 27 02:37:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	63149	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	251812	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	108946	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	222847	20.00	ng		0.00
75) Chrysene-d12	13.64	240	155626	20.00	ng		0.00
86) Perylene-d12	14.95	264	126977	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	334499	79.67	ng		0.00
7) Phenol-d6	6.17	99	422318	77.09	ng		0.00
23) Nitrobenzene-d5	7.10	82	430743	78.14	ng		0.00
41) 2,4,6-Tribromophenol	10.33	330	71487	75.70	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	661420	79.55	ng		0.00
78) Terphenyl-d14	12.59	244	574398	79.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	78229	39.54	ng	#	92
3) Pyridine	2.49	79	244169	43.73	ng		83
4) n-Nitrosodimethylamine	2.46	42	122243	39.32	ng	#	78
6) Aniline	6.18	93	299247	37.57	ng	#	55
8) 2-Chlorophenol	6.30	128	172500	37.54	ng		97
9) Benzaldehyde	6.06	77	141106	39.96	ng		96
10) Phenol	6.18	94	225968	34.93	ng	#	69
11) bis(2-Chloroethyl)ether	6.26	93	189694	38.21	ng		90
12) 1,3-Dichlorobenzene	6.46	146	199826	40.47	ng		97
13) 1,4-Dichlorobenzene	6.54	146	204635	41.85	ng		100
14) 1,2-Dichlorobenzene	6.69	146	156930	34.29	ng		98
15) Benzyl Alcohol	6.67	79	159541	36.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.82	45	364311	37.35	ng		96
17) 2-Methylphenol	6.80	107	148917	37.77	ng		97
18) Hexachloroethane	7.03	117	78399	39.68	ng		98
19) n-Nitroso-di-n-propylamine	6.96	70	150198	39.58	ng		88
20) 3+4-Methylphenols	6.96	107	194897	38.94	ng	#	46
22) Acetophenone	6.95	105	270132	40.86	ng	#	83
24) Nitrobenzene	7.11	77	204621	35.50	ng		93
25) Isophorone	7.36	82	396032	38.53	ng		97
26) 2-Nitrophenol	7.43	139	99588	41.55	ng	#	78
27) 2,4-Dimethylphenol	7.49	122	172926	40.78	ng		93
28) bis(2-Chloroethoxy)methane	7.58	93	229708	37.83	ng		99
29) 2,4-Dichlorophenol	7.67	162	134413	37.65	ng	#	86
30) 1,2,4-Trichlorobenzene	7.75	180	143387	36.14	ng		97
31) Naphthalene	7.83	128	563639	40.15	ng		99
32) Benzoic acid	7.63	122	95374	39.99	ng		93
33) 4-Chloroaniline	7.89	127	209237	35.33	ng		95
34) Hexachlorobutadiene	7.95	225	94221	41.99	ng		98
35) Caprolactam	8.27	113	50437	40.42	ng	#	85
36) 4-Chloro-3-methylphenol	8.38	107	156965	36.89	ng		98
37) 2-Methylnaphthalene	8.51	142	310200	34.99	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	147605	41.99	ng		98
40) Hexachlorocyclopentadiene	8.67	237	70796	38.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	101234	40.77	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	102363	41.24	ng	#	94
45) 1,1'-Biphenyl	8.98	154	382955	39.91	ng		96
46) 2-Chloronaphthalene	9.01	162	317176	41.14	ng		98
47) 2-Nitroaniline	9.11	65	143774	45.57	ng	#	79
48) Acenaphthylene	9.41	152	486747	35.30	ng		98
49) Dimethylphthalate	9.30	163	363313	40.49	ng		99
50) 2,6-Dinitrotoluene	9.35	165	68090	35.35	ng	#	60
51) Acenaphthene	9.58	154	289347	35.05	ng		100
52) 3-Nitroaniline	9.52	138	111360	46.20	ng		87
53) 2,4-Dinitrophenol	9.62	184	40075	42.43	ng	#	67
54) Dibenzofuran	9.75	168	387380	35.01	ng		92
55) 4-Nitrophenol	9.69	139	73276	43.28	ng	#	72
56) 2,4-Dinitrotoluene	9.75	165	86253	33.78	ng	#	56
57) Fluorene	10.09	166	319980	37.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	76417m	39.78	ng		
59) Diethylphthalate	9.99	149	355921	37.48	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	143947	39.97	ng		95
61) 4-Nitroaniline	10.13	138	89876	36.48	ng		91
62) Azobenzene	10.25	77	464130	42.41	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	59151	44.45	ng	#	50
65) n-Nitrosodiphenylamine	10.22	169	333618	41.94	ng		97
66) 4-Bromophenyl-phenylether	10.57	248	74539	34.05	ng	#	65
67) Hexachlorobenzene	10.63	284	83717	37.76	ng	#	70
68) Atrazine	10.74	200	71706	32.35	ng		97
69) Pentachlorophenol	10.83	266	49280	37.05	ng		97
70) Phenanthrene	11.04	178	481951	36.49	ng		100
71) Anthracene	11.10	178	492891	38.35	ng		98
72) Carbazole	11.26	167	480428	38.83	ng		97
73) Di-n-butylphthalate	11.60	149	597485	39.91	ng		100
74) Fluoranthene	12.22	202	572944	40.20	ng		97
76) Benzidine	12.35	184	260558	44.32	ng		99
77) Pyrene	12.43	202	493614	39.02	ng		99
79) Butylbenzylphthalate	13.08	149	228003	41.93	ng	#	69
80) Benzo(a)anthracene	13.62	228	450986	43.21	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	148219	43.84	ng	#	95
82) Chrysene	13.66	228	410943	43.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	328386	47.14	ng		100
84) Di-n-octyl phthalate	14.25	149	535361	50.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.12	276	330990	50.12	ng	#	94
87) Benzo(b)fluoranthene	14.61	252	341446m	38.02	ng		
88) Benzo(k)fluoranthene	14.64	252	349783m	41.79	ng		
89) Benzo(a)pyrene	14.90	252	309241	39.51	ng	#	95
90) Dibenzo(a,h)anthracene	16.14	278	271033	44.45	ng		98
91) Benzo(g,h,i)perylene	16.47	276	272766	44.09	ng	#	93

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

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