Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081003.D
Acq On : 17 Aug 2015 14:30
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:11:24 PM

Quant Time: Aug 17 15:01:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:26:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	54369	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	209753	20.00	ng		0.01
38) Acenaphthene-d10	9.66	164	93849	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	186460	20.00	ng		0.00
75) Chrysene-d12	13.76	240	145883	20.00	ng		0.01
86) Perylene-d12	15.10	264	108110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	278999	35.69	ng		0.00
7) Phenol-d6	6.27	99	399328	37.71	ng		0.01
23) Nitrobenzene-d5	7.20	82	364398	34.85	ng		0.01
41) 2,4,6-Tribromophenol	10.44	330	62614	33.59	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	519624	29.68	ng		0.00
78) Terphenyl-d14	12.72	244	570620	35.43	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	69814	36.99	ng	#	92
3) Pyridine	2.68	79	216419	44.29	ng		88
4) n-Nitrosodimethylamine	2.64	42	109312	38.06	ng	#	82
6) Aniline	6.28	93	267798	34.68	ng	#	21
8) 2-Chlorophenol	6.41	128	171427	38.59	ng		88
9) Benzaldehyde	6.17	77	130318	34.91	ng		92
10) Phenol	6.28	94	247480	39.60	ng		99
11) bis(2-Chloroethyl)ether	6.38	93	174150	37.72	ng		93
12) 1,3-Dichlorobenzene	6.57	146	171374m	37.39	ng		
13) 1,4-Dichlorobenzene	6.65	146	167113	36.81	ng		97
14) 1,2-Dichlorobenzene	6.80	146	170484	37.38	ng		96
15) Benzyl Alcohol	6.78	79	142163	32.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	348280	36.69	ng		100
17) 2-Methylphenol	6.90	107	141016	37.98	ng	#	92
18) Hexachloroethane	7.14	117	70530	36.81	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	139573	38.91	ng		89
20) 3+4-Methylphenols	7.05	107	171142	34.88	ng		92
22) Acetophenone	7.05	105	234893	37.53	ng	#	92
24) Nitrobenzene	7.22	77	202697	37.48	ng	#	89
25) Isophorone	7.46	82	346036	36.47	ng		98
26) 2-Nitrophenol	7.53	139	76808	36.04	ng		93
27) 2,4-Dimethylphenol	7.59	122	155871	40.90	ng		89
28) bis(2-Chloroethoxy)methane	7.68	93	202486	34.23	ng		99
29) 2,4-Dichlorophenol	7.78	162	125994	39.08	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	140016	38.33	ng		100
31) Naphthalene	7.94	128	476253	37.26	ng		99
32) Benzoic acid	7.70	122	68360	32.88	ng		96
33) 4-Chloroaniline	7.99	127	184617	33.34	ng		99
34) Hexachlorobutadiene	8.07	225	76125	37.14	ng		98
35) Caprolactam	8.36	113	43809	38.44	ng		92
36) 4-Chloro-3-methylphenol	8.48	107	144755	36.91	ng		96
37) 2-Methylnaphthalene	8.63	142	307195	34.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	121858	37.41	ng		99
40) Hexachlorocyclopentadiene	8.79	237	67327	44.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	85899	37.60	ng		93
43) 2,4,5-Trichlorophenol	8.95	196	96325	40.87	ng		97
45) 1,1'-Biphenyl	9.10	154	368187	40.01	ng		99
46) 2-Chloronaphthalene	9.11	162	260415	34.51	ng	#	90
47) 2-Nitroaniline	9.21	65	111402	37.26	ng		97
48) Acenaphthylene	9.52	152	448464	32.32	ng		99
49) Dimethylphthalate	9.40	163	334699	37.29	ng		99
50) 2,6-Dinitrotoluene	9.46	165	72600	39.24	ng		90
51) Acenaphthene	9.69	154	280048	34.82	ng		100
52) 3-Nitroaniline	9.62	138	81503	34.95	ng		98
53) 2,4-Dinitrophenol	9.72	184	32943	49.76	ng		81
54) Dibenzofuran	9.86	168	360231	31.94	ng		91
55) 4-Nitrophenol	9.78	139	56004	36.69	ng		90
56) 2,4-Dinitrotoluene	9.86	165	91209	36.65	ng		97
57) Fluorene	10.20	166	278788	31.29	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	73007m	40.61	ng		
59) Diethylphthalate	10.10	149	339039	35.49	ng		95
60) 4-Chlorophenyl-phenylether	10.20	204	126854	31.77	ng		98
61) 4-Nitroaniline	10.23	138	83695	33.63	ng		91
62) Azobenzene	10.36	77	407696	38.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	49257	46.25	ng	#	71
65) n-Nitrosodiphenylamine	10.33	169	276809	37.73	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	71449	37.08	ng		93
67) Hexachlorobenzene	10.75	284	79631	39.89	ng		98
68) Atrazine	10.86	200	73976	35.71	ng		98
69) Pentachlorophenol	10.95	266	45329	42.28	ng		98
70) Phenanthrene	11.15	178	432781	36.01	ng		99
71) Anthracene	11.21	178	443617	36.16	ng		99
72) Carbazole	11.37	167	466384	41.24	ng		100
73) Di-n-butylphthalate	11.71	149	521913	36.17	ng		99
74) Fluoranthene	12.34	202	495378	38.97	ng		99
76) Benzidine	12.47	184	272045	42.83	ng		100
77) Pyrene	12.56	202	448209	33.09	ng		99
79) Butylbenzylphthalate	13.20	149	225868	38.95	ng	#	78
80) Benzo(a)anthracene	13.75	228	415219	38.00	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	127093	36.04	ng		98
82) Chrysene	13.78	228	381161	37.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	273995	37.81	ng	#	96
84) Di-n-octyl phthalate	14.37	149	428836	40.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.34	276	260227	39.42	ng	#	93
87) Benzo(b)fluoranthene	14.74	252	335692m	34.47	ng		
88) Benzo(k)fluoranthene	14.77	252	262594m	39.09	ng		
89) Benzo(a)pyrene	15.05	252	269693	36.96	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	213987	40.11	ng	#	96
91) Benzo(g,h,i)perylene	16.71	276	213976	40.37	ng	#	95

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

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