Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086674.D
Acq On : 4 May 2016 13:42
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
5/5/2016 3:18:45 PM

Quant Time: May 04 14:09:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 13:25:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177150	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	749014	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	347120	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	605565	20.00	ng		0.00
75) Chrysene-d12	13.89	240	388719	20.00	ng		0.01
86) Perylene-d12	15.28	264	330356	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1195874	116.44	ng		0.00
7) Phenol-d6	6.38	99	1676413	116.95	ng		0.01
23) Nitrobenzene-d5	7.31	82	1743271	125.45	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	378927	103.51	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2285316	111.42	ng		0.00
78) Terphenyl-d14	12.84	244	2048360	116.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	325130	60.26	ng	#	75
3) Pyridine	2.93	79	830609	65.05	ng	#	70
4) n-Nitrosodimethylamine	2.90	42	534254	73.41	ng	#	56
6) Aniline	6.41	93	1048064	60.42	ng	#	76
8) 2-Chlorophenol	6.52	128	703885	55.03	ng		84
9) Benzaldehyde	6.28	77	372553	44.67	ng		99
10) Phenol	6.40	94	859887	53.77	ng	#	33
11) bis(2-Chloroethyl)ether	6.49	93	818085	59.17	ng		91
12) 1,3-Dichlorobenzene	6.68	146	800202	58.16	ng		97
13) 1,4-Dichlorobenzene	6.76	146	810165	57.07	ng		99
14) 1,2-Dichlorobenzene	6.91	146	674137	51.78	ng		96
15) Benzyl Alcohol	6.89	79	557932	61.53	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1526595	55.17	ng		91
17) 2-Methylphenol	7.01	107	617941	59.77	ng	#	90
18) Hexachloroethane	7.25	117	311965	58.81	ng	#	92
19) n-Nitroso-di-n-propylamine	7.17	70	517276	54.59	ng	#	71
20) 3+4-Methylphenols	7.17	107	737902	62.51	ng	#	64
22) Acetophenone	7.16	105	956795	58.26	ng	#	90
24) Nitrobenzene	7.33	77	858716	60.07	ng		99
25) Isophorone	7.57	82	1571533	58.76	ng		99
26) 2-Nitrophenol	7.64	139	396516	60.25	ng	#	68
27) 2,4-Dimethylphenol	7.70	122	720673	62.41	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	900046	61.78	ng		99
29) 2,4-Dichlorophenol	7.89	162	603664	61.96	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	650255	57.53	ng		98
31) Naphthalene	8.05	128	2133186	55.97	ng		98
32) Benzoic acid	7.84	122	297056	49.61	ng		87
33) 4-Chloroaniline	8.11	127	845034	59.21	ng		98
34) Hexachlorobutadiene	8.17	225	343206	54.17	ng		99
35) Caprolactam	8.50	113	179839	55.33	ng	#	56
36) 4-Chloro-3-methylphenol	8.60	107	696585	62.44	ng		97
37) 2-Methylnaphthalene	8.74	142	1171324	52.08	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	593826	59.76	ng		98
40) Hexachlorocyclopentadiene	8.90	237	281052	56.92	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	421615	67.13	ng		93
43) 2,4,5-Trichlorophenol	9.07	196	392287	57.30	ng		96
45) 1,1'-Biphenyl	9.21	154	1520769	52.41	ng		95
46) 2-Chloronaphthalene	9.23	162	1212280	54.95	ng		94
47) 2-Nitroaniline	9.33	65	505211	71.41	ng		92
48) Acenaphthylene	9.64	152	1767465	51.26	ng		99
49) Dimethylphthalate	9.52	163	1414090	54.11	ng		99
50) 2,6-Dinitrotoluene	9.57	165	300601	55.68	ng	#	76
51) Acenaphthene	9.81	154	1152858	52.05	ng		99
52) 3-Nitroaniline	9.74	138	361107	58.81	ng		84
53) 2,4-Dinitrophenol	9.85	184	120473	49.89	ng	#	82
54) Dibenzofuran	9.98	168	1389588	50.20	ng		94
55) 4-Nitrophenol	9.92	139	257972	64.17	ng		87
56) 2,4-Dinitrotoluene	9.98	165	401234	58.30	ng	#	81
57) Fluorene	10.33	166	1151964	47.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	307530	57.46	ng		99
59) Diethylphthalate	10.21	149	1393280	56.32	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	565213	51.80	ng	#	76
61) 4-Nitroaniline	10.36	138	369749	61.61	ng	#	77
62) Azobenzene	10.48	77	1524688	56.27	ng		84
64) 4,6-Dinitro-2-methylphenol	10.38	198	190609	53.62	ng	#	52
65) n-Nitrosodiphenylamine	10.44	169	1033026	54.58	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	332278	53.25	ng		94
67) Hexachlorobenzene	10.88	284	446529	61.82	ng	#	92
68) Atrazine	10.98	200	358488	63.08	ng		95
69) Pentachlorophenol	11.07	266	217146	57.02	ng		98
70) Phenanthrene	11.29	178	1895695	59.65	ng		99
71) Anthracene	11.33	178	1818909	53.63	ng		99
72) Carbazole	11.49	167	1657912	55.16	ng		98
73) Di-n-butylphthalate	11.82	149	1967338	57.77	ng	#	98
74) Fluoranthene	12.46	202	1701404	53.04	ng		98
76) Benzidine	12.59	184	653729	48.94	ng		99
77) Pyrene	12.69	202	1726679	61.65	ng		98
79) Butylbenzylphthalate	13.32	149	873417	72.00	ng	#	86
80) Benzo(a)anthracene	13.88	228	1240833	59.87	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	733403	52.94	ng		97
82) Chrysene	13.92	228	1327292	58.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	902548	59.94	ng		98
84) Di-n-octyl phthalate	14.49	149	1385315	58.75	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.60	276	1321290	79.16	ng		97
87) Benzo(b)fluoranthene	14.89	252	1056519m	54.36	ng		
88) Benzo(k)fluoranthene	14.91	252	1128016m	55.65	ng		
89) Benzo(a)pyrene	15.22	252	1049356	57.19	ng		97
90) Dibenzo(a,h)anthracene	16.61	278	1084665	72.24	ng		99
91) Benzo(g,h,i)perylene	17.00	276	1139131	75.70	ng	#	92

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

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