Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084705.D
Acq On : 1 Feb 2016 12:59
Operator : SJ/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:28 PM

Quant Time: Feb 01 13:34:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 13:00:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174489	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	686396	20.00	ng		0.01
38) Acenaphthene-d10	9.76	164	334386	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	598747	20.00	ng		0.00
75) Chrysene-d12	13.87	240	413053	20.00	ng		0.00
86) Perylene-d12	15.24	264	346995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	990329	85.67	ng		0.00
7) Phenol-d6	6.36	99	1320709	95.33	ng		0.00
23) Nitrobenzene-d5	7.29	82	1119028	91.11	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	333874	95.27	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1827502	81.23	ng		0.00
78) Terphenyl-d14	12.82	244	1776125	97.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	230210	42.71	ng	#	77
3) Pyridine	2.88	79	672747	46.85	ng	#	71
4) n-Nitrosodimethylamine	2.83	42	314198	44.75	ng		80
6) Aniline	6.37	93	801345	45.06	ng	#	82
8) 2-Chlorophenol	6.50	128	591161	46.11	ng		90
9) Benzaldehyde	6.26	77	386427	48.17	ng		98
10) Phenol	6.38	94	761073	49.29	ng		96
11) bis(2-Chloroethyl)ether	6.45	93	554114	46.14	ng	#	82
12) 1,3-Dichlorobenzene	6.65	146	599405m	43.63	ng		
13) 1,4-Dichlorobenzene	6.73	146	586117	43.47	ng		98
14) 1,2-Dichlorobenzene	6.89	146	616147	49.63	ng		98
15) Benzyl Alcohol	6.86	79	413266	43.83	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	912226	44.38	ng		88
17) 2-Methylphenol	6.99	107	483806	48.67	ng	#	93
18) Hexachloroethane	7.23	117	254450	48.24	ng	#	86
19) n-Nitroso-di-n-propylamine	7.14	70	402249	47.53	ng	#	73
20) 3+4-Methylphenols	7.15	107	595802	49.40	ng		86
22) Acetophenone	7.14	105	903103	50.38	ng	#	97
24) Nitrobenzene	7.31	77	686900	52.62	ng		90
25) Isophorone	7.55	82	1146806	49.84	ng		98
26) 2-Nitrophenol	7.62	139	300217	48.36	ng	#	81
27) 2,4-Dimethylphenol	7.68	122	570397	52.43	ng		90
28) bis(2-Chloroethoxy)methane	7.77	93	704030	50.98	ng		97
29) 2,4-Dichlorophenol	7.87	162	492742	51.79	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	530805	48.78	ng	#	93
31) Naphthalene	8.02	128	1602064	46.24	ng		99
32) Benzoic acid	7.81	122	364950	43.70	ng		96
33) 4-Chloroaniline	8.08	127	644949	45.77	ng		99
34) Hexachlorobutadiene	8.14	225	301361	46.87	ng		100
35) Caprolactam	8.46	113	138139	50.59	ng	#	50
36) 4-Chloro-3-methylphenol	8.58	107	540148	51.56	ng	#	87
37) 2-Methylnaphthalene	8.72	142	1068651	50.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	492324	45.40	ng		99
40) Hexachlorocyclopentadiene	8.86	237	201022	40.77	ng		96

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Quant Time: Feb 01 13:34:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	346317	51.41	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	317210	45.61	ng	#	92
45) 1,1'-Biphenyl	9.18	154	1488448	48.57	ng		98
46) 2-Chloronaphthalene	9.21	162	1072497	47.97	ng	#	89
47) 2-Nitroaniline	9.30	65	332390	49.50	ng		97
48) Acenaphthylene	9.62	152	1609549	47.51	ng		97
49) Dimethylphthalate	9.49	163	1231326	49.06	ng	#	90
50) 2,6-Dinitrotoluene	9.55	165	256271	46.41	ng	#	59
51) Acenaphthene	9.79	154	1031749	45.48	ng		97
52) 3-Nitroaniline	9.72	138	336511	58.32	ng	#	77
53) 2,4-Dinitrophenol	9.82	184	125398	46.02	ng		90
54) Dibenzofuran	9.96	168	1313473	48.51	ng		96
55) 4-Nitrophenol	9.89	139	229494	54.15	ng	#	84
56) 2,4-Dinitrotoluene	9.95	165	313776	43.74	ng	#	84
57) Fluorene	10.30	166	1127486	49.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	262176	49.86	ng		87
59) Diethylphthalate	10.19	149	1225602	49.89	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	454769	44.14	ng		88
61) 4-Nitroaniline	10.33	138	282270	51.68	ng		91
62) Azobenzene	10.45	77	1078049	45.85	ng		88
64) 4,6-Dinitro-2-methylphenol	10.36	198	202045	51.66	ng		96
65) n-Nitrosodiphenylamine	10.42	169	920414	47.41	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	328235	48.68	ng	#	86
67) Hexachlorobenzene	10.84	284	350098	47.73	ng	#	77
68) Atrazine	10.94	200	301825	51.89	ng		98
69) Pentachlorophenol	11.05	266	182126	51.39	ng		98
70) Phenanthrene	11.25	178	1529386	46.19	ng		98
71) Anthracene	11.31	178	1652506	49.09	ng		99
72) Carbazole	11.47	167	1492864	51.46	ng		98
73) Di-n-butylphthalate	11.80	149	1728158	48.98	ng	#	96
74) Fluoranthene	12.44	202	1634727	49.94	ng		97
76) Benzidine	12.57	184	719057	45.77	ng		97
77) Pyrene	12.67	202	1733802	55.65	ng		99
79) Butylbenzylphthalate	13.30	149	784850	58.97	ng	#	95
80) Benzo(a)anthracene	13.86	228	1302939	50.60	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	502449	55.46	ng	#	97
82) Chrysene	13.89	228	1323457	52.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	944251	54.69	ng		98
84) Di-n-octyl phthalate	14.47	149	1527876	56.01	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.56	276	1048960	46.75	ng		98
87) Benzo(b)fluoranthene	14.87	252	1169610m	52.05	ng		
88) Benzo(k)fluoranthene	14.89	252	907684m	48.91	ng		
89) Benzo(a)pyrene	15.20	252	990890	50.98	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	868107	49.56	ng		96
91) Benzo(g,h,i)perylene	16.95	276	881890	49.87	ng		98

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

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