Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090840.D
Acq On : 26 Oct 2016 13:54
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
sohil
10/27/2016 3:45:52 PM

Quant Time: Oct 26 16:24:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 14:16:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	201873	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	855762	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	476842	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	778285	20.00	ng		0.00
75) Chrysene-d12	13.96	240	697503	20.00	ng		0.00
86) Perylene-d12	15.37	264	568557	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1370437	109.48	ng		-0.01
7) Phenol-d6	6.44	99	1705588	100.60	ng		0.00
23) Nitrobenzene-d5	7.37	82	1339950	85.88	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	615642	163.12	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2510166	81.72	ng		-0.01
78) Terphenyl-d14	12.91	244	2645304	86.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	363067	50.13	ng	#	73
3) Pyridine	3.04	79	1046525	61.66	ng	#	72
4) n-Nitrosodimethylamine	3.01	42	326720	56.26	ng	#	58
6) Aniline	6.46	93	1077982	56.08	ng	#	86
8) 2-Chlorophenol	6.58	128	796354	53.00	ng		96
9) Benzaldehyde	6.34	77	409519	44.18	ng	#	83
10) Phenol	6.45	94	876206	45.97	ng	#	33
11) bis(2-Chloroethyl)ether	6.53	93	798438	49.86	ng		93
12) 1,3-Dichlorobenzene	6.73	146	812847	53.85	ng	#	93
13) 1,4-Dichlorobenzene	6.81	146	855376	53.43	ng	#	93
14) 1,2-Dichlorobenzene	6.97	146	848847	54.16	ng		97
15) Benzyl Alcohol	6.94	79	543811	47.22	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.08	45	774022	32.27	ng		61
17) 2-Methylphenol	7.06	107	597003	52.73	ng	#	85
18) Hexachloroethane	7.30	117	295387	45.45	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	518754	41.08	ng	#	66
20) 3+4-Methylphenols	7.22	107	607818	45.29	ng	#	69
22) Acetophenone	7.22	105	961180	50.40	ng	#	87
24) Nitrobenzene	7.39	77	807993	47.77	ng	#	85
25) Isophorone	7.63	82	1400633	47.42	ng	#	94
26) 2-Nitrophenol	7.70	139	425934	61.64	ng	#	78
27) 2,4-Dimethylphenol	7.74	122	637299	52.01	ng	#	82
28) bis(2-Chloroethoxy)methane	7.84	93	754052	46.67	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	666341	66.27	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	737035	62.28	ng		95
31) Naphthalene	8.11	128	2194063	52.41	ng		97
32) Benzoic acid	7.92	122	532850	68.37	ng	#	71
33) 4-Chloroaniline	8.16	127	958871	61.77	ng	#	91
34) Hexachlorobutadiene	8.22	225	455099	68.40	ng		99
35) Caprolactam	8.56	113	181667	63.26	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	628480	53.74	ng		85
37) 2-Methylnaphthalene	8.80	142	1443868	59.02	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	790618	61.40	ng	#	98
40) Hexachlorocyclopentadiene	8.94	237	368460	60.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	501740	62.84	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	484426m	59.78	ng		
45) 1,1'-Biphenyl	9.26	154	1799626	48.06	ng		93
46) 2-Chloronaphthalene	9.29	162	1407748	50.58	ng		93
47) 2-Nitroaniline	9.39	65	388138	42.01	ng	#	78
48) Acenaphthylene	9.70	152	2044516	48.14	ng		94
49) Dimethylphthalate	9.57	163	1669015	55.70	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	360682	55.98	ng	#	72
51) Acenaphthene	9.87	154	1381761	49.01	ng		90
52) 3-Nitroaniline	9.80	138	421672	56.93	ng	#	72
53) 2,4-Dinitrophenol	9.90	184	234242	84.85	ng	#	75
54) Dibenzofuran	10.04	168	1750707	51.26	ng	#	84
55) 4-Nitrophenol	9.97	139	305396	77.95	ng	#	88
56) 2,4-Dinitrotoluene	10.03	165	486867	61.82	ng	#	79
57) Fluorene	10.38	166	1321920	46.71	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	467728	73.55	ng		91
59) Diethylphthalate	10.27	149	1725300	55.52	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	738771	57.12	ng	#	86
61) 4-Nitroaniline	10.42	138	422435	56.31	ng	#	62
62) Azobenzene	10.54	77	1453425	39.94	ng		84
64) 4,6-Dinitro-2-methylphenol	10.44	198	306786	66.30	ng		87
65) n-Nitrosodiphenylamine	10.50	169	1258694	50.48	ng		90
66) 4-Bromophenyl-phenylether	10.86	248	481739	63.85	ng		97
67) Hexachlorobenzene	10.93	284	563846	63.33	ng	#	89
68) Atrazine	11.04	200	443922	64.50	ng		86
69) Pentachlorophenol	11.13	266	339655	74.17	ng		99
70) Phenanthrene	11.34	178	2032152m	51.23	ng		
71) Anthracene	11.40	178	2367304	53.81	ng		95
72) Carbazole	11.55	167	1989483	54.09	ng	#	93
73) Di-n-butylphthalate	11.89	149	2679655	56.16	ng	#	98
74) Fluoranthene	12.53	202	2350928	61.26	ng		90
76) Benzidine	12.66	184	732496	47.30	ng	#	93
77) Pyrene	12.76	202	2354303	48.33	ng	#	93
79) Butylbenzylphthalate	13.38	149	1149122	51.32	ng	#	84
80) Benzo(a)anthracene	13.95	228	1961597	51.39	ng		95
81) 3,3'-Dichlorobenzidine	13.92	252	736502	55.68	ng	#	96
82) Chrysene	13.99	228	1981987m	53.20	ng		
83) Bis(2-ethylhexyl)phthalate	13.95	149	1348478	42.09	ng		99
84) Di-n-octyl phthalate	14.56	149	2368718	48.72	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.75	276	1795813	55.25	ng	#	90
87) Benzo(b)fluoranthene	14.98	252	2273241m	65.02	ng		
88) Benzo(k)fluoranthene	15.00	252	1708180m	48.62	ng		
89) Benzo(a)pyrene	15.32	252	1873954	57.13	ng	#	87
90) Dibenzo(a,h)anthracene	16.76	278	1579874	50.17	ng	#	83
91) Benzo(g,h,i)perylene	17.16	276	1412407	46.24	ng	#	81

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

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