Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091322.D
Acq On : 29 Nov 2016 12:49
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
11/30/2016 10:32:05 AM

Quant Time: Nov 29 13:28:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 10:25:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169718	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	633967	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	360086	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	558209	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	314018	20.00	ng		-0.02
86) Perylene-d12	15.44	264	343980	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1367914	129.50	ng		0.00
7) Phenol-d6	6.50	99	1717025	126.51	ng		0.00
23) Nitrobenzene-d5	7.44	82	1728922	157.00	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	459053	126.42	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2546442	115.79	ng		0.00
78) Terphenyl-d14	12.97	244	2001846	145.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	343389	68.92	ng		87
3) Pyridine	3.19	79	1008304	75.29	ng		86
4) n-Nitrosodimethylamine	3.16	42	530689	72.38	ng		96
6) Aniline	6.54	93	1221850	70.43	ng	#	71
8) 2-Chlorophenol	6.65	128	748729	65.07	ng	#	80
9) Benzaldehyde	6.41	77	518869	70.64	ng		87
10) Phenol	6.52	94	961226	63.48	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	699906	62.87	ng		96
12) 1,3-Dichlorobenzene	6.81	146	933106	74.38	ng		99
13) 1,4-Dichlorobenzene	6.88	146	885600	68.97	ng		95
14) 1,2-Dichlorobenzene	7.04	146	778114	63.87	ng		99
15) Benzyl Alcohol	7.02	79	775953	73.63	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1671282	68.48	ng		73
17) 2-Methylphenol	7.12	107	651496	71.56	ng	#	76
18) Hexachloroethane	7.38	117	327883	71.72	ng		88
19) n-Nitroso-di-n-propylamine	7.30	70	591888	69.52	ng	#	83
20) 3+4-Methylphenols	7.28	107	679407	60.79	ng	#	67
22) Acetophenone	7.28	105	1129036	78.92	ng	#	74
24) Nitrobenzene	7.45	77	816441	70.07	ng		93
25) Isophorone	7.70	82	1545740	75.14	ng		98
26) 2-Nitrophenol	7.77	139	456847	97.75	ng	#	85
27) 2,4-Dimethylphenol	7.81	122	709248	72.31	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	928703	75.83	ng		99
29) 2,4-Dichlorophenol	8.01	162	659734	76.12	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	704027	70.52	ng		100
31) Naphthalene	8.17	128	2169122	71.13	ng		100
32) Benzoic acid	7.97	122	639799	82.84	ng		96
33) 4-Chloroaniline	8.23	127	964476	72.70	ng		100
34) Hexachlorobutadiene	8.30	225	433719	73.48	ng		97
35) Caprolactam	8.62	113	181642	67.98	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	714776	76.73	ng		94
37) 2-Methylnaphthalene	8.87	142	1507068	72.00	ng		95
40) Hexachlorocyclopentadiene	9.03	237	389976	89.28	ng		97
42) 2,4,6-Trichlorophenol	9.14	196	490045	72.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	468151	72.41	ng	#	91
45) 1,1'-Biphenyl	9.34	154	1925057	74.15	ng		95
46) 2-Chloronaphthalene	9.36	162	1436353	75.53	ng		96
47) 2-Nitroaniline	9.45	65	574395	89.01	ng	#	84
48) Acenaphthylene	9.77	152	2036483	66.82	ng		99
49) Dimethylphthalate	9.65	163	1582225	70.37	ng		98
50) 2,6-Dinitrotoluene	9.69	165	338266	68.88	ng		96
51) Acenaphthene	9.94	154	1352650	65.21	ng		97
52) 3-Nitroaniline	9.86	138	374724	70.97	ng		93
54) Dibenzofuran	10.12	168	1800464	61.71	ng		98
55) 4-Nitrophenol	10.01	139	290046	76.17	ng		98
56) 2,4-Dinitrotoluene	10.09	165	461322	74.23	ng	#	62
57) Fluorene	10.46	166	1441030	64.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	382090	67.21	ng		94
59) Diethylphthalate	10.33	149	1440567	63.67	ng		97
61) 4-Nitroaniline	10.48	138	383762	77.90	ng		94
62) Azobenzene	10.61	77	1511898	65.88	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	240825	95.13	ng	#	74
65) n-Nitrosodiphenylamine	10.57	169	1334931	78.77	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	430283	70.52	ng		94
67) Hexachlorobenzene	11.01	284	518104	77.46	ng		99
68) Atrazine	11.10	200	387710	86.67	ng		96
69) Pentachlorophenol	11.19	266	281531	71.15	ng		95
70) Phenanthrene	11.42	178	2164298	74.74	ng		99
71) Anthracene	11.46	178	1853402	62.60	ng		100
72) Carbazole	11.63	167	1813700	68.83	ng	#	96
73) Di-n-butylphthalate	11.96	149	1943654	63.69	ng		99
74) Fluoranthene	12.60	202	1733041	58.84	ng		97
76) Benzidine	12.72	184	698928	114.85	ng		95
77) Pyrene	12.83	202	1780038	76.72	ng		99
79) Butylbenzylphthalate	13.45	149	694448	74.79	ng	#	81
80) Benzo(a)anthracene	14.01	228	1365183	76.60	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	497309	84.61	ng	#	99
82) Chrysene	14.05	228	1344582	79.83	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	838882	72.57	ng	#	94
84) Di-n-octyl phthalate	14.62	149	1307727	71.88	ng		97
87) Benzo(b)fluoranthene	15.04	252	1482289	68.31	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1349658m	76.15	ng		
89) Benzo(a)pyrene	15.40	252	1426349	77.26	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1521825	89.29	ng	#	96
91) Benzo(g,h,i)perylene	17.29	276	1610464	95.26	ng		100

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

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