Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091833.D
Acq On : 21 Dec 2016 14:05
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
12/22/2016 7:08:35 PM

Quant Time: Dec 21 14:36:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	278744	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1138539	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	566168	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	919669	20.00	ng		0.00
75) Chrysene-d12	13.91	240	649626	20.00	ng		0.00
86) Perylene-d12	15.30	264	556739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1548137	93.05	ng		0.00
7) Phenol-d6	6.41	99	1842634	90.81	ng		0.00
23) Nitrobenzene-d5	7.32	82	1862191	94.32	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	403255	84.00	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2573660	91.32	ng		0.00
78) Terphenyl-d14	12.85	244	2375181	92.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	397950	48.57	ng		99
3) Pyridine	2.98	79	1425853	54.02	ng		99
4) n-Nitrosodimethylamine	2.94	42	549247	53.77	ng		100
6) Aniline	6.42	93	1198475	45.90	ng		91
8) 2-Chlorophenol	6.54	128	908477	49.61	ng		89
9) Benzaldehyde	6.29	77	514819	40.91	ng		96
10) Phenol	6.42	94	1035904	45.29	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	922388	50.50	ng		93
12) 1,3-Dichlorobenzene	6.69	146	978274m	48.64	ng		
13) 1,4-Dichlorobenzene	6.77	146	987871	48.55	ng		93
14) 1,2-Dichlorobenzene	6.92	146	793458	44.51	ng		97
15) Benzyl Alcohol	6.91	79	762120	48.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1298968	46.54	ng		83
17) 2-Methylphenol	7.02	107	699981	45.74	ng		95
18) Hexachloroethane	7.26	117	378010	50.00	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	611219	45.29	ng		96
20) 3+4-Methylphenols	7.18	107	873233	51.15	ng	#	76
22) Acetophenone	7.17	105	1265827	46.05	ng		98
24) Nitrobenzene	7.34	77	1045177	49.30	ng		95
25) Isophorone	7.58	82	1719552	45.65	ng		96
26) 2-Nitrophenol	7.65	139	476566	46.60	ng		94
27) 2,4-Dimethylphenol	7.71	122	859970	51.54	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	1085025	49.23	ng		99
29) 2,4-Dichlorophenol	7.90	162	683726	44.43	ng		90
30) 1,2,4-Trichlorobenzene	7.98	180	793448	47.58	ng		96
31) Naphthalene	8.06	128	2590314	47.62	ng		99
32) Benzoic acid	7.87	122	694436	58.40	ng		95
33) 4-Chloroaniline	8.12	127	1109134	48.41	ng	#	92
34) Hexachlorobutadiene	8.18	225	409042	43.62	ng		99
35) Caprolactam	8.51	113	238539	48.18	ng	#	75
36) 4-Chloro-3-methylphenol	8.61	107	846633	49.87	ng		95
37) 2-Methylnaphthalene	8.75	142	1487266	43.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	702618	49.79	ng		98
40) Hexachlorocyclopentadiene	8.91	237	303877	50.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	495215	49.11	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	500476	50.52	ng	#	91
45) 1,1'-Biphenyl	9.22	154	1961556	48.34	ng		99
46) 2-Chloronaphthalene	9.24	162	1498022	49.40	ng		96
47) 2-Nitroaniline	9.34	65	576601	55.69	ng	#	81
48) Acenaphthylene	9.65	152	2105308	44.81	ng		100
49) Dimethylphthalate	9.53	163	1678614	45.39	ng		99
50) 2,6-Dinitrotoluene	9.58	165	348136	42.93	ng	#	71
51) Acenaphthene	9.82	154	1445008	44.81	ng		99
52) 3-Nitroaniline	9.76	138	475509	47.10	ng		97
53) 2,4-Dinitrophenol	9.86	184	227412	51.92	ng	#	63
54) Dibenzofuran	10.00	168	1745505	45.52	ng		97
55) 4-Nitrophenol	9.93	139	314375	44.84	ng		99
56) 2,4-Dinitrotoluene	9.98	165	458479	45.26	ng	#	84
57) Fluorene	10.34	166	1424115	47.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	406415	49.62	ng		99
59) Diethylphthalate	10.22	149	1744683	47.99	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	617508	45.51	ng		97
61) 4-Nitroaniline	10.37	138	512377	53.57	ng		97
62) Azobenzene	10.49	77	1737734	44.93	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	272780	44.97	ng	#	44
65) n-Nitrosodiphenylamine	10.45	169	1263738	44.25	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	427971	44.38	ng		98
67) Hexachlorobenzene	10.89	284	489594	48.45	ng		97
68) Atrazine	10.99	200	397984	46.12	ng		94
69) Pentachlorophenol	11.08	266	257384	47.20	ng		99
70) Phenanthrene	11.30	178	2353947	51.22	ng		99
71) Anthracene	11.34	178	2052125	42.16	ng		100
72) Carbazole	11.50	167	1925688	45.24	ng		100
73) Di-n-butylphthalate	11.84	149	2270654	41.61	ng		100
74) Fluoranthene	12.48	202	2087961	43.50	ng		100
76) Benzidine	12.60	184	796966	42.62	ng		98
77) Pyrene	12.70	202	2103725	44.84	ng		100
79) Butylbenzylphthalate	13.33	149	1055801	48.08	ng		92
80) Benzo(a)anthracene	13.89	228	1700538	45.76	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	598214	40.23	ng		98
82) Chrysene	13.93	228	1649983	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1176349	42.23	ng	#	98
84) Di-n-octyl phthalate	14.50	149	2157398	42.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1460425	38.56	ng		100
87) Benzo(b)fluoranthene	14.91	252	1672950m	47.39	ng		
88) Benzo(k)fluoranthene	14.93	252	1358946m	54.86	ng		
89) Benzo(a)pyrene	15.24	252	1452606	47.94	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	1203657	45.57	ng		98
91) Benzo(g,h,i)perylene	17.05	276	1262693	47.04	ng		98

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

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